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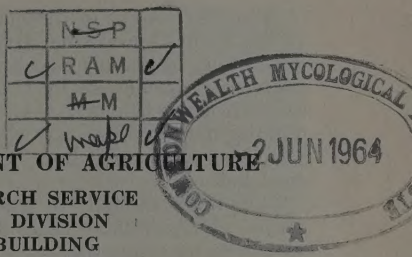

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
FEDERAL CENTER BUILDING
HYATTSVILLE, MARYLAND 20781

LIST OF INTERCEPTED PLANT PESTS, 1963

(Pests Recorded From July 1, 1962, Through June 30, 1963)

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INTRODUCTION

This report covers the 50th year of plant quarantine work in the United States. It summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States or of scientific interest. Some common organisms are included if they are new to the country of origin or the host plant.

This list reports identifications received during the fiscal year 1963 and includes many interceptions made during previous years, since determinations are sometimes delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the Department of Entomology, U.S. National Museum (of the Smithsonian Institution). However, many pests intercepted in California are identified by collaborating State officials. Snail identifications are made largely by taxonomists in the Division of Mollusks of the U.S. National Museum. Some disease determinations and critical studies are made by specialists of the Crops Research Division, U.S. Department of Agriculture. Many host plants are identified by workers in the Department of Botany, Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in compiling the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature. Family names are shown with the insects in the tabulation and orders are given in the host list. Classes of diseases are shown in the disease host list.

It is often difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1963 was 31,439, as compared with 33,033 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total identified during the year, 12,482 were considered important enough to be reported in this list. That figure includes the incompletely determined pests which were significant. Last year the total in the list was 10,921.

Airborne Material

Interceptions of pests arriving by air totaled 12,700, of which 10,983 were insects, mites, or snails and 1,717 were diseases or nematodes. There were 419 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 179 interceptions of the European cherry fruit fly, 207 of the Mediterranean fruit fly, 52 of the Mexican fruit fly, 41 of the olive fruit fly, 36 of the oriental fruit fly, 34 of the pink bollworm, 206 of the West Indian fruit fly, 290 of the yanone scale, 371 of the black spot of citrus, 204 of citrus canker, 130 of the sweet orange scab, and 16 of the golden nematode.

FRUIT FLIES

There were 1433 fruit fly interceptions identified to species. This large number includes many intercepted in previous years which were identified and recorded this year. The species were as follows:

Anastrepha fraterculus(?) (once) in coffee berry in airmail from Brazil.

Anastrepha ludens, the Mexican fruit fly, was intercepted 401 times from Mexico and once from Panama. The hosts were apple, grapefruit, lime, mamey, Mandarin orange, mango, peach, pear, pomegranate, quince, sapote, and sweet orange. *A. ludens*(?) (3 times) in sapote in air stores and mango in baggage from Mexico.

Anastrepha mombinpraeoptans, the West Indian fruit fly (375 times), an adult at large in airplane and larvae in guava, mango, purple mombin, tropical almond, unidentified fruit, and yellow mombin from Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, Tortola, and an unknown origin.

Anastrepha ocresia (once) in sapodilla in air baggage from the Dominican Republic. This is the first authentic collection from sapodilla in the U.S. National Museum.

Anastrepha striata (twice) in guava in air baggage from El Salvador and Nicaragua.

Anastrepha suspensa (3 times) in guava in air baggage and baggage from the Dominican Republic and Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (293 times), in apple, apricot, Arabian coffee berry, baggage (with sphagnum moss packing), bell pepper, cactus

fruit, calamondin orange, chili pepper, *Citrus sinensis* var. *shamuti*, in pulp covering common pistache nut, date, *Eugenia* sp. fruit, fig, grapefruit, guava, Indiapoon beauty-leaf fruit, jujube, kaki persimmon, Malay-apple, Mandarin orange, mango, nectarine, papaya, peach, pear, plum, pomegranate, pricklypear, quince, sweet orange, tropical almond, and unidentified fruit. Countries of origin were Africa (country(?)), Argentina, Azores, Brazil, Costa Rica, Cyprus, Europe (country(?)), Federation of Rhodesia and Nyasaland, France, Greece, Hawaii, Israel, Italy, Jordan, Lebanon, Liberia, Malta, Morocco, Peru, Portugal, Republic of South Africa, Senegal, Spain, United Arab Republic, an unknown origin, and Uruguay. *C. capitata*(?) (15 times) in apricot, Arabian coffee berry, English walnut, mango, peach, pepper, sweet orange, and tomato from Argentina, Australia(?), Bermuda(?), Brazil, Canary Islands, Costa Rica, Greece, Hawaii, Israel, Italy, Liberia, and the United Arab Republic.

Ceratitis colae(?) (once) in Sudan colanut in air baggage from Nigeria.

Ceratitis rubivora (once) in *Rubus* sp. seed in mail from Ethiopia.

Dacus cucurbitae, the melon fly (5 times), in balsampear in air baggage from the Philippines, bell pepper in stores from Hawaii, chili pepper in air baggage from Thailand, and cucumber in stores from Hawaii and the Ivory Coast. *D. cucurbitae*(?) (4 times) in cucumber in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (43 times), an adult in a flight bag and larvae in avocado, carambola, *Eugenia* sp. fruit, guava, Indiapoon beautyleaf fruit, Malay-apple, mango, papaya, pepper, rose-apple, and tropical almond from Hawaii and the Philippines. *D. dorsalis*(?) (10 times) in avocado, candlenut-tree fruit, guava, and mango from Hawaii and India.

Dacus oleae, the olive fruit fly (80 times), an adult in baggage (with lemon) and larvae in common olive, *Olea* sp., and warty olive. Countries of origin were Ethiopia, Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Republic of South Africa, and Spain. *D. oleae*(?) (once) in common olive in air baggage from Italy.

Euleia heraclei (once) in celery in stores from France. *E. heraclei*(?) (3 times) in celery in stores from England and Italy and in parsley in stores from Belgium.

Rhagoletis alternata(?) (once) in rose hip in baggage from Czechoslovakia.

Rhagoletis cerasi, the European cherry fruit fly (186 times), in Mazzard cherry, sour cherry, and cherry from the Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, and an unknown origin. *R. cerasi*(?) (once) in cherry in stores from Turkey.

Tephritis conura (once) in thistle flower head in air baggage from Sweden.

INSECTS OTHER THAN FRUIT FLIES

Of the serious insect pests intercepted the following are of unusual interest:

Acrolepia assectella (Yponomeutidae) (20 times) in leek in air baggage from France and stores from France, Germany, Italy, and the Netherlands; in onion in air baggage from France; and in stores (with cauliflower) from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, in baggage, on cut flowers in air baggage and aircargo, and on orchid in air baggage from Hawaii; and in mail sack from Guam.

Adoxophyes reticulana (Tortricidae) (8 times) on cut lilac in aircargo from Belgium, Germany, and the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (36 times), on *Citrus* sp. leaf, sour lime leaf, sour orange leaf, sweet orange leaf, and rose leaf from Costa Rica, Ecuador, Jamaica, Mexico, and Nicaragua. *A. woglumi*(?) (4 times) on *Citrus* sp. leaf, coffee leaf, and sour lime leaf from Jamaica and Mexico.

Anthonomus rectirostris (Curculionidae) in black cherry seed in mail from Belgium.

Argyroploce lacunana (Olethreutidae) on birch plant in air baggage from Norway.

Austrotortrix postvittana (Tortricidae) or near, in apple and plum in cargo from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air baggage from Germany and Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Brachycerus algirus (Curculionidae) in garlic in air baggage and baggage from Italy and cargo from Italy and Spain.

Brevipalpus chilensis (Tenuipalpidae) on lemon in air stores from an unknown origin.

Bruchus dentipes (Bruchidae) in broadbean in air baggage from Iran and Italy, baggage from Greece and Italy, and mail from Italy.

Bryobia ehari (Tetranychidae) on chrysanthemum cut flower in air baggage from Japan.

Cacoecimorpha pronubana (Tortricidae) on cut carnation in air baggage from Spain and rose plant in air baggage from Italy.

Carposina niponensis (Carposinidae) (10 times) in apple in air stores and stores from Japan.

Ceroplastes rubens (Coccidae) on anthurium leaf in airmail from Hawaii, English ivy leaf in air quarters from an unknown origin, irontree leaf in air baggage from Hawaii, and leaf of an unidentified plant in air baggage from Australia.

Chilo suppressalis (Crambidae), the Asiatic rice borer (11 times), in rice husks in stores from the Philippines; rice straw in air baggage, aircargo, cargo, mail, and stores from Japan; and rice straw jacket for liquor in air baggage from Spain.

Clysiana ambiguella (Phaloniidae) in grape in air baggage from Hungary and air quarters from an unknown origin.

Conotrachelus aguacatae (Curculionidae) in avocado seed in aircargo and in avocado and Mexican avocado fruit in baggage from Mexico.

Coptotermes formosanus (Rhinotermitidae) in mail package of dried shells from Hawaii.

Cryptoblabes gnidiella (Phycitidae) (25 times) in mango, pomegranate, quince, and sweet orange from Cape Verde Islands, Greece, Italy, Portugal, Spain, an unknown origin, Venezuela, and Yugoslavia.

Curculio elephas (Curculionidae) (109 times) in European chestnut and unidentified species of chestnut from France, Greece, Italy, Portugal, Spain, Switzerland, and Yugoslavia.

Cylas formicarius formicarius (Curculionidae) in sweetpotato in air baggage and mail from the Philippines and stores from Hong Kong and Japan.

Cylas puncticollis (Curculionidae) (11 times) in sweetpotato in aircargo (as monkey food) from Kenya, cargo from Nigeria and Sierra Leone, quarters from Liberia, and stores from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in aircargo from the Philippines and mail from Hawaii, gardenia leaf in air baggage from Hawaii and Tahiti, and unidentified plant in air baggage from China.

Diaprepes abbreviatus (Curculionidae) as stowaway on airplane from Puerto Rico and on cut flowers and Sierra bladder-nut in aircargo from Haiti. *D. abbreviatus* var. on cut flowers in aircargo from Haiti.

Dichocrocis punctiferalis (Pyraustidae) on 5-needle dwarf pine tree in baggage and cargo from Japan.

Dyspessa ulula (Cossidae) in garlic in baggage from Italy and cargo from Spain and an unknown origin.

Epinotia aporema (Olethreutidae) in stores (with cabbage) from Peru and in string bean in air baggage from Colombia and stores from Chile and Venezuela.

Euproctis similis (Lymantriidae) on hawthorn plant in cargo from Japan.

Euscepes postfasciatus (Curculionidae) in mail (with ti cutting) from Hawaii; and in sweetpotato in air baggage from Jamaica, baggage from Puerto Rico, cargo from Tortola, and stores from Brazil, British Guiana, Panama, and Trinidad.

Evergestis forficalis (Pyraustidae) in cabbage in stores from Belgium, France, and the Netherlands; and in cauliflower in stores from France.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from Italy and the United Arab Republic; and in stores (with string bean) from Italy.

Gryllotalpa africana (Gryllotalpidae) with cargo (aircraft parts) by air from Japan.

Gryllus bimaculatus (Gryllidae) (8 times) as stowaway in airplane and in air baggage from Morocco.

Haplothrips tritici (Phlaeothripidae) in wheat stalk in air baggage from the Union of Soviet Socialist Republics.

Heterobostrychus brunneus (Bostrichidae) in packing boards on cargo from the Republic of the Congo and West Africa.

Lampides boeticus (Lycaenidae) in mauna loa lei in air baggage, baggage, and mail from Hawaii, pea pod in stores from Japan, sesbania seed in air baggage from Hawaii, and string bean in air baggage from Italy.

Laspeyresia splendana (Olethreutidae) (93 times) in acorn in mail from Switzerland; in air baggage (with apple) from Portugal; in cork oak seed in cargo from Italy; and in European chestnut in air baggage from the Azores, France, Greece, Italy, and Portugal, baggage from Austria, France, Italy, Portugal, Spain, and an unknown origin, and cargo and mail from Italy.

Lema bilineata (Chrysomelidae) in excelsior packing with melon in cargo from Chile.

Leucinodes orbonalis (Pyraustidae) in eggplant in air baggage from Ghana and stores from the Federation of Malaysia(?) and Senegal.

Lobesia botrana (Olethreutidae) in grape in air baggage from Italy.

Mamestra brassicae (Noctuidae) (24 times) on cabbage in stores from Belgium, France, Italy, and the Netherlands; cauliflower in stores from Denmark, France, Italy, and the Netherlands; kale in air baggage from Denmark; lettuce in stores from France and Spain; in quarters (with gladiolus cut flowers) by air from Italy; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae), a bean pod borer (22 times), in air baggage (with coriander seed) from the Dominican Republic; in lima bean in cargo from Puerto Rico; mauna loa lei in air baggage and baggage from Hawaii; pigeonpea in air baggage from the Dominican Republic, Panama, and Puerto Rico and cargo from Puerto Rico; sesbania seed in air baggage from Hawaii; and string bean in air baggage and cargo from Puerto Rico and stores from Japan, Puerto Rico, Senegal, and Surinam.

Matsumuraeses phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabaeidae) in quarters of airplane from Switzerland.

Monosteira unicostata (Tingidae) in almond in air baggage from Greece.

Naupactus xanthographus (Curculionidae) in honeydew melon and melon in cargo from Chile.

Nephotettix apicalis (Cicadellidae) with aircargo of silk stoles from India and with dry stores from an unknown origin.

Ostrinia nubilalis (Pyraustidae) in apple in baggage from Italy; bell pepper in air baggage from Italy, air stores from Japan, and stores from Italy and Sweden; burdock stem in stores from Japan; with corn seed in aircargo from Italy and in fresh corn ear in stores from Thailand; in peach in air stores from an unknown origin; and in rice in aircargo from Japan.

Oxycarenus hyalinipennis (Lygaeidae) in cottonseed in cargo from Pakistan and pomegranate in air baggage from Israel and baggage from Greece.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (56 times), in cotton boll, cotton lint, cottonseed, Hawaiian seed cotton, okra, and seed cotton from Barbados, Brazil, Dominican Republic, Grenada, Haiti, Hawaii, Jamaica, Liberia, Mexico, Pakistan, an unknown origin, and Venezuela.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Phlyctinus callosus (Curculionidae) (13 times) in grape in cargo and quarters from the Republic of South Africa.

Pieris brassicae (Pieridae) in cabbage in stores from France and Italy and with military cargo from the Azores and Morocco.

Prays oleellus (Yponomeutidae) in olive in air baggage from Italy and baggage from Greece.

Premnotrypes latithorax (Curculionidae) in potato tuber in air baggage from Bolivia.

Prodenia litura (Noctuidae) in airplane from an unknown origin; in beet and pepper in stores from Israel; and with aircargo from the Philippines.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in baggage from Italy, cargo from Greece, Italy, and Spain; corn ear in air baggage from Italy and an unknown origin; and corn husk packing in mail from Italy.

Sesamia nonagrioides (Noctuidae) with chestnut in air baggage from Portugal and baggage from Spain.

Spanioneura fonscolombei (Psyllidae) on carnation and chrysanthemum cut flowers in air quarters from England.

Stephanoderes hampei (Scolytidae) in Arabian coffee berry in air baggage from Brazil; and coffee berry in air baggage from Formosa, cargo from the Republic of South Africa and an unknown origin, and mail from an unknown origin.

Sternochetus mangiferae (Curculionidae) in mango in air baggage from Hawaii and India and mail and stores from Hawaii.

Taeniothrips eucharii (Thripidae) on *Lycoris* spp. and narcissus bulbs in cargo from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Hungary and Japan.

Thrips imaginis (Thripidae) on hyacinth cut flower in air quarters and rose cut flower in baggage from Australia.

Tortrix excessana (Tortricidae) in apple in cargo from New Zealand.

Trogoderma granarium (Dermestidae), the khapra beetle (225 times), with bagging and ballast, in broadbean, with cargo and in cargo hold, in celery seed,

chickpea, cinnamon, coriander seed, cumin seed, with debris, in divi-divi pod, fennel seed, grain, gum arabic, gum tragacanth, gum zedou, guar gum, karaya gum, mung bean, myrobalan, nutmeg, pea, pigeonpea, pistache nut, psyllium seed, *Pyrus* sp. seed, quarters, rice, soybean, stores, string bean, talha gum, and tamarind seed powder. Countries of origin of the infested materials were Ceylon, England, Federation of Malaysia, Formosa, France, Germany, Hong Kong, India, Iran, Japan, Kenya(?), Korea, Kuwait, Lebanon, Netherlands, Pakistan, Seychelles, Sudan, Thailand, and an unkown origin.

Unaspis yanonensis (Coccidae), the yanone scale (427 times), on *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, Marumi kumquat, sour orange, sweet orange, tangelo, and yuzu from Australia, China, Fiji, Hong Kong, Italy, Japan, Philippines, and an unkown origin.

SNAILS

The following snails are of particular interest:

Achatina fulica, the giant African snail, on packing crate of military cargo by air from Formosa.

Arianta arbustorum with air baggage from Germany, on cauliflower and lettuce in stores from the Netherlands, and on violet plant in air baggage from Germany.

Bradybaena similaris (10 times) on anthurium in air baggage and mail from Hawaii, on dasheen plant in air baggage, ti in aircargo, and cut flowers in mail from Hawaii; military cargo from Bermuda; and orchid flowers in aircargo, cargo, and mail from Hawaii.

Cochlicella barbara (31 times) on automobile in cargo from Libya and Morocco, four-o'clock seed in cargo from France, garlic in stores from Morocco, and military cargo from Crete, France, Greece, Morocco, and Spain.

Cochlicella ventrosa (18 times) on automobile in cargo from Libya, cabbage and leek in stores from Portugal, lettuce in stores from Italy, and military cargo from the Azores and Spain by air and by surface cargo from the Azores, Morocco, Spain, and an unknown origin.

Fifteen species of *Helicella* were intercepted a total of 92 times from Crete, Denmark, England, France, Germany, Greece, Italy, Libya, Morocco, Netherlands, Spain, Turkey, and an unknown origin. The hosts were airplane, automobile, cabbage, cauliflower, chicory, cork oak, four-o'clock seed, leek, military cargo, residue in hold, soil with begonia plant, stores, and tassel grapehyacinth.

Helicina neritella on orchid plant in air baggage from Jamaica.

Helix figulina on military cargo by air from Turkey. *H. pomatia* with air baggage from Germany.

Monacha cantiana and *M. carthusiana* on military cargo from France. *M. olivieri* on military cargo from Greece and Turkey, and in soil with plant in baggage from Greece.

Retinella hammonis in soil in air baggage from Ireland, soil with birch shoot in air baggage from Italy, and soil with potted plant in air baggage from Germany.

Rumina decollata on military cargo from Morocco.

Subulina octona on four-o'clock seed in cargo from the Netherlands and orchid plant in aircargo from Peru.

Theba pisana, the Mediterrenean land snail (59 times) on airplane, automobile, cork oak, crate, cut flowers, dried plant material, four-o'clock seed, leek, lettuce, Madonna lily, protea flowers, stores, and sweet orange from the Azores, Crete, France, Italy, Libya, Morocco, Netherlands, Portugal, Republic of South Africa, Spain, and an unknown origin.

Other snails of importance were *Cecilioides acicula, Helix aspersa, Lamellaxis micra, Limax marginatus, Milax gagates, Otala lactea, O. vermiculata, Oxychilus alliarius, Opeas pumilum, O. pyrgula,* and *Trichia hispida.*

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 209 times; 92 from Brazil, 78 from Argentina, 16 from South America (country(?)), 14 from an unknown origin, 7 from Uruguay, and 2 from Paraguay. Hosts were grapefruit, lemon, Mandarin orange, sour lime, and sweet orange.

Guignardia citricarpa (*Phoma* stage), the black spot of citrus, was intercepted 556 times, 259 from the Republic of South Africa, 104 from Hong Kong, 85 from Japan, 36 from Australia, 35 from an unknown origin, 15 from China, 9 from Formosa, 3 from Brazil, 2 each from Pakistan, Philippines, and Vietnam, and 1 each from India(?), Okinawa, Tahiti(?), and Thailand. Hosts were *Citrus* sp.,

grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, and sweet orange.

Xanthomonas citri, citrus canker, was intercepted 377 times; 161 from India, 151 from Japan, 22 from Hong Kong, 13 from China, 11 from an unknown origin, 6 from Formosa, 3 each from Afghanistan, Federation of Malaysia, and Thailand, 2 from Pakistan, and 1 each from the Philippines and Vietnam. Hosts were *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas sp. (Cancrosis B) was intercepted 19 times; 14 from Argentina, 3 from an unknown origin, and 2 from South America (country (?)). Hosts were lemon and sweet orange.

Other diseases of special interest were:

Puccinia buxi on boxwood leaf in air baggage, air quarters, and air stores from England, Europe (country(?)), France, Ireland, Switzerland, and an unknown origin.

Puccinia dochmia(?) on muhly grass packing in baggage from Mexico.

Puccinia erythropus on Chinese silvergrass in stores from Japan.

Puccinia iridis on iris leaf in mail from Austria.

Puccinia longicornis on bamboo leaf in stores from Japan.

Puccinia oncidii on *Oncidium* sp. leaf in aircargo from Ecuador.

Puccinia thaliae on canna leaf in air baggage from Honduras.

Puccinia urbaniana on Jamacia falsevalerian leaf in air baggage from the Dominican Republic.

Rhytisma decolorans on lyonia leaf in airmail from Nepal.

Rose mosiac—yellow type on cut roses in air baggage from Haiti.

Sphaceloma poinsettiae on common poinsettia in air baggage from Guatemala.

Sphaceloma spondiadis on "jobo" in air baggage from Barbados, purple mombin in air baggage from the Dominican Republic and El Salvador, *Spondias* sp. in air baggage from Trinidad, and vi-apple in air baggage from Guatemala.

Thecaphora solani on Irish potato in air baggage from Colombia.

Uromycladium tepperianum on graceful-wattle acacia seed in airmail from Australia.

NEMATODES

Nematodes of special interest were:

Aphelenchoides blastophthorus in lily-of-the-valley pips in cargo from Denmark.

Aphelenchoides parietinus in soil on raintree saman log in cargo from Fiji.

Criconema celetum in soil with camellia plant in baggage from Portugal.

Criconema fimbriatum (first interception) in soil with begonia plant in baggage from Mexico.

Criconemoides curvatum in soil with begonia plant in baggage from Argentina, soil with camellia in baggage from Portugal, and soil with mint in baggage from Mexico.

Criconemoides informe in soil with beech and spruce plants in air baggage from Germany.

Criconemoides mutabile in soil with amaryllis bulb, dahlia root, mango seedling, and unidentified plant in baggage from Mexico.

Ditylenchus dipsaci in narcissus bulb in mail from England.

Helicotylenchus nannus (17 times) in crown-of-thorns euphorbia, in soil with begonia, caladium, coleus, dracaena, mango, mint, palm, onion, and unidentified plants. Countries of origin were Argentina, Brazil, Hawaii, Japan, Mexico, and the Philippines.

Hemicriconemoides mangiferae (first interception) in soil with coleus plant in baggage from Mexico.

Heterodera avenae is soil with automobile in cargo from France and soil with dahlia root in air baggage from Germany.

Heterodera rostochiensis, the golden nematode (32 times), in soil with automobile in cargo from England and Germany and soil with the following plant material: Amaryllis bulb in air baggage from an unknown origin, cactus plant in air baggage from England, calla lily plant in air baggage from Germany, carrot in stores from the Netherlands, celery in stores from Norway, dahlia root in air baggage from Ireland, English ivy plant in baggage from Germany, garden sage plant in air baggage from England, garlic in cargo from Peru, grass plant in air baggage from England, heather plant in air baggage from Scotland, potato in stores from Argentina, Canary Islands, and England, primrose plant in baggage and mail from England, *Prunus* sp. cutting in air baggage from Sweden, *Rubus* sp. plant in mail from England, shamrock leaf in mail from Ireland and shamrock

plant in airmail from Northern Ireland, *Solanum* spp. tubers in airmail from South America (country(?)), stonecrop plant in air baggage from England, strawberry plant in air baggage from Germany, and unidentified plant in air baggage from England.

The rootknot nematodes were intercepted a total of 39 times in roots of various bulbs, plants, and vegetables as follows: *Meloidogyne arenaria* (6 times), for the first time from Nicaragua; *M. hapla* (11 times), for the first time from Ireland, Lebanon, and Portugal; *M. incognita* (4 times), *M. incognita acrita* (11 times), for the first time from Senegal; *M. incognita incognita* (once); and *M. javanica* (6 times), for the first time from Nicaragua.

Pratylenchus convallariae in lily-of-the-valley pip in cargo from Denmark.

Pratylenchus penetrans in dahlia root in mail from the Republic of South Africa and in soil with camellia plant in baggage from Portugal.

Radopholus similis in anthurium root in baggage and ginger rhizome in cargo from Hawaii.

Rotylenchus goodeyi in horseradish root in quarters from England.

Rotylenchus robustus in horseradish root in quarters and in soil with Euphorbiaceae in air baggage from England.

Rotylenchus uniformis in soil with camellia in baggage from Portugal and in soil with "shamrock" in mail from Ireland.

Scutellonema brachyurum in liliaceous plant in baggage from Australia, in soil with bulb in baggage and gardenia plant in cargo from Mexico, in soil with liliaceous plant in air baggage from Japan, and in soil with unidentified plant in air baggage from Hawaii and baggage from Mexico.

Tylenchorhynchus capitatus in soil with camellia plant in baggage from Portugal and soil with chalice vine and unidentified tree in baggage from Mexico.

Tylenchorhynchus crassicaudatus (first interception) in soil with arum plant in air baggage from the Philippines and soil with privet plant in air baggage from Japan.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when intercepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the more significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 4,558 insects and mites and 761 diseases and nematodes, or a total of 5,319 incompletely determined interceptions considered important enough to record. Snails not identified to species are not recorded.

INCOMPLETELY DETERMINED FRUIT FLIES

A total of 571 fruit flies not identified to species were as follows:

Anastrepha sp., possibly *distincta* Greene (once), in *Inga* sp. pod in baggage from Mexico.

Anastrepha sp., possibly *fraterculus* (3 times) in Arabian coffee berry in air baggage from Brazil and quince in stores from Peru.

Anastrepha sp., probably *ludens* (24 times), in mango, peach pear, quince, sapote fruit and seed, sweet lime, and sweet orange in baggage from Mexico; and in sweet orange in air baggage from Guatemala and air stores from Mexico.

Anastrepha sp., probably *mombinpraeoptans* (47 times) in mango in air baggage from British Honduras, Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Honduras, Jamaica, Nicaragua, Panama, and Puerto Rico, aircargo from Guatemala, air quarters from Mexico, baggage from British Honduras, Honduras, Mexico, and Trinidad, cargo from the Dominican Republic, quarters from Jamaica, Panama, and an unknown origin, and stores from El Salvador and Haiti; in guava in air baggage from Colombia; in vi-apple in air baggage from Puerto Rico; and in yellow mombin in air baggage from the Dominican Republic and Guatemala and baggage from Puerto Rico.

Anastrepha sp., possibly *ocresia* (once) in sapodilla in air baggage from the Dominican Republic.

Anastrepha sp., possibly *serpentina* (Wied.) (5 times), in mamey in air baggage from Peru; sapodilla in air baggage from Colombia, Mexico, and Nicaragua, and star-apple in air baggage from Panama.

Anastrepha sp., probably *striata* (20 times), in guava in air baggage from Colombia, Costa Rica, Ecuador, Nicaragua, and Panama, baggage from El Salvador and Mexico, and quarters from Mexico.

Anastrepha sp., probably *suspensa* (65 times), in guava in air baggage from the Dominican Republic, Jamaica, and Puerto Rico, and airmail, baggage, and mail from Puerto Rico; in sapodilla in air baggage from the Dominican Republic and Jamaica; and in tropical almond in air baggage from the Dominican Republic, Jamaica, and Puerto Rico.

Anastrepha sp. (303 times) in acerola, apple, Arabian coffee berry, avocado, Barbados-cherry malpighia, broadbean (new host), cherimoya, chupa-chupa, cucurbit, custard-apple, fig, giant granadilla, grapefruit, guava, hawthorn fruit, *Inga* sp. (?) seed pod, lime, loquat, Malay-apple, Mandarin orange, mango, peach, peach palm fruit, pear, plum, pomegranate, ponderosa lemon, quince, red mombin, rose-apple, sapodilla, sapote, soursop, star-apple, sweet orange, tropical almond, vi-apple, white sapote, and yellow mombin. Countries of origin were Argentina (?), Bahamas, Bolivia, Brazil, British Guiana, British Honduras, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela. *Anastrepha* sp.(?) (7 times) in coffee berry in air baggage from Colombia, *Inga* sp. pod in air baggage from Ecuador, mango in aircargo from Jamaica, baggage from Mexico, and quarters from Venezuela, and in peach and sweet orange in baggage from Mexico.

Ceratitis sp., probably *capitata* (once), in sweet orange in baggage from Italy.

Dacus sp., probably *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (10 times) in cucumber in stores from Ghana and West Africa, *Cucumis heptadactylus* seed in mail from the Republic of South Africa, Cucurbitaceae in air baggage from India, grapefruit in air baggage from Pakistan, mango in air baggage from India and the Philippines, pepper in stores from Angola, and squash in stores from Senegal. *Dacus* sp. (?)(3 times) in cucumber in stores from Liberia, mango in air baggage from the Philippines, and towel-gourd in baggage from Vietnam.

Rhagoletis sp., probably *alternata* (once), in rose hip in baggage from Germany.

Rhagoletis sp., probably *cerasi* (6 times), in cherry in air baggage from Austria, Hungary, and an unknown origin, aircargo from Switzerland, and air stores from France and an unknown origin.

Rhagoletis sp. (37 times) in apple in air baggage and baggage from Mexico, cherry in air baggage from Sweden and air quarters from an unknown origin, and crabapple, hawthorn fruit, and *Lycium berlandieri* in baggage from Mexico. *Rhagoletis* sp. (?)(9 times) in apple in baggage from Italy and Mexico and stores from Peru, baggage (with beans) from Italy, *Lycium berlandieri* in baggage from Mexico, peach in air baggage from Mexico, and quince in baggage from Mexico.

Tephritidae (23 times) larva and pupa in apple in air stores from Canada and Germany and baggage from Mexico, pupa in celery in stores from France, pupa in chili pepper in air baggage from Thailand, adult with *Chrysanthemoides* sp. seed in aircargo from the Republic of South Africa, pupa with chrysanthemum flower in air baggage from Japan, larva with frangipani flower in mail from Hawaii, larva in grapefruit in stores from Israel(?), pupa with guar gum in cargo from India, larva with heather in air baggage from Scotland, pupa with karaya gum in cargo from India, larva in peach in air stores from Peru, larva in pepper in baggage from Mexico, larva in pomegranate in air baggage from Argentina, larva and pupa in preserved fruit in stores from Algeria(?), larva in star-apple in air baggage from the Philippines, eggs in sweet orange in stores from Venezuela and larva in stores from Costa Rica, pupa in tomato in stores from an unknown origin, larva in tropical almond in air baggage from Hawaii, and larva and pupa in unidentified seed in air baggage from Italy. Tephritidae (?)(4 times) larva in apple in stores from Peru, pupa with banana in cargo from Ecuador, larva in chili pepper in baggage from Mexico, and larva in genip fruit in air baggage from Venezuela.

INCOMPLETELY DETERMINED INSECTS

Of special interest among the incompletely determined insects, other than fruit flies, were the following:

Acheta sp., near *hispanicus* (Gryllidae), evidently a native Moroccan cricket not known to occur in the United States, in the baggage compartment of an airplane from Morocco.

Aleyrodidae, new genus near *Aleurodicus*, n. sp., on *Encyclia* sp. plant in aircargo from Honduras; *Laelia anceps* plant in cargo from Mexico; *Odontoglossum* sp. leaf in aircargo from Guatemala; *Oncidium cebolleta* leaf in cargo from Mexico;

Oncidium sp. leaf in aircargo from Guatemala; and orchid leaf in air baggage from Guatemala, aircargo from El Salvador and Guatemala, and cargo from Mexico. Aleyrodidae, genus and species not recognized, very interesting, on grape leaf in air stores from France.

Anthonomus sp., probably *rectirostris* (Curculionidae), in wild Mazzard cherry seed in cargo from Austria.

Aphidae, genus near *Jacksonia* and *Carolinaia*, species not recognized, on cedar seedling in air baggage from Lebanon.

Apion sp., probably *carduorum* Kirby (Curculionidae), in cardoon in mail from Italy and artichoke in aircargo from France.

Arhopalus sp., possibly *ferus* (Muls.) (Cerambycidae), in coniferous packing board on marble in cargo from Italy.

Baris sp., probably *lepidii* Germ. (Curculionidae), in horseradish roots in air baggage from Yugoslavia.

Bemisia sp., apparently undescribed, near *shinanoensis* (Kuw.) (Aleyrodidae), on carnation and chrysanthemum cut flowers in air baggage and spirea leaf in air quarters from Japan.

Brachyrhinus sp. (Curculionidae) on amaryllis bulb in air baggage from Greece, astilbe roots in cargo from the Netherlands, boxwood leaf in air quarters from an unknown origin, packing material in cargo from the Netherlands, pomegranate in air baggage from Israel, rose in air baggage from Finland, rose and lilac in aircargo and cargo from Germany, and in soil with cactus and stonecrop plants in air baggage from Belgium.

Bruchidius sp., near *dispar* Gyll. (Bruchidae), in *Crotalaria* sp. seed pod in aircargo from the Republic of the Congo.

Bruchidius sp., near *orchesiodes* Heyd. (Bruchidae), in guar seed in airmail and mail from India and in cargo from Pakistan,

Bruchus sp., probably *lentis* (Bruchidae), in lentil in stores from Germany.

Ceutorhynchus sp., possibly *contractus* Marsh. (Curculionidae), in turnip in stores from France.

Cnephasia sp., near or *virgaureana* (Treit.) (Tortricidae), on lettuce in air stores from England(?).

Conarthrus sp., near *cylindricus* (Woll.) (Curculionidae), in bamboo support with orchid in baggage from Brazil.

Cylas sp., possibly *puncticollis* (Curculionidae), in sweetpotato in cargo from Nigeria.

Diaprepes sp., probably *abbreviatus* (Curculionidae), in *Dioscorea* sp. tuber in baggage and cargo from Puerto Rico.

Earias sp. (Noctuidae) in okra pod in air baggage from India.

Epicaerus sp., probably *cognatus* Sharp (Curculionidae), in potato in cargo from Mexico.

Gymnandrosoma sp. (Olethreutidae) with akee and pomegranate fruits in aircargo from Colombia; in jujube in air baggage from Honduras; in lime in baggage from Mexico; and in sweet orange in baggage from Mexico, quarters from Venezuela, and stores from Brazil, Ecuador, and Venezuela.

Harmolita sp. (Eurytomidae) (12 times) in esparto needlegrass brooms in cargo from Italy.

Heilipus sp., possibly *trifasciatus* (F.) (Curculionidae), in persea budwood in aircargo from Costa Rica.

Hylobius sp. (Curculionidae) in linganberry in air baggage from Finland.

Hylurgops sp., probably *palliatus* (Gyll.) (Scolytidae), in pine log in dunnage from Finland.

Hypera sp., evidently *brunneipennis* Boh. (Curculiondae), in garlic in cargo from Mexico, lemongrass in baggage from Mexico, rice straw packing in cargo from the United Arab Republic, soil in baggage from Mexico, and tomato in cargo from Mexico.

Lixus sp. (Curculionidae) in beet in stores from the United Arab Republic, bell pepper in cargo from Mexico, corn stalk in cargo from an unknown origin, and turnip in stores from Italy.

Mamestra sp., probably *brassicae* (Noctuidae), in airplane from Japan.

Phyllotreta sp., probably *consobrina* Curtis (Chrysomelidae), in cabbage in stores from France.

Phyllotreta sp., probably *cruciferae* (Goeze) (Chrysomelidae), in cabbage in stores from Italy.

Prays sp., near or *endocarpa* Meyr. (Yponomeutidae), in sweet orange in aircargo from the Philippines.

Premnotrypes sp., probably *solani* Pierce (Curculionidae), in potato in stores from Peru. *Premnotrypes* sp. (31 times) in potato in air baggage from Bolivia, Colombia, and Peru, baggage from Colombia, and stores from Colombia, Ecuador, and Peru; and an adult on cardboard carton of bell pepper in stores from an unknown origin.

Rhynchaenus sp. (Curculionidae) on rose and lilac in aircargo from the Netherlands.

Rhynchites sp. (Curculionidae) in *Berberis* sp. seed in airmail and mail from Nepal, in glandbearing oak seed in mail from Japan, with lichen in baggage from Mexico, on orchid plant in cargo from Mexico, and in wild Mazzard cherry seed in cargo from Austria.

Rhynchotarsonemus n. sp. (Tarsonemidae) on boxwood leaf in air quarters from England.

Selenaspidus sp., probably new (Coccidae), on *Cycas* sp. seed in mail from Nigeria.

Sesamia sp., possibly *nonagriodes* (Noctuidae), on cabbage in stores from Italy.

Strophosoma sp. (Curculionidae) in packing material in cargo from the Netherlands.

Thripidae, undescribed genus and spp., on anthurium cutting in air baggage from Colombia.

Tipula sp., *oleracea* group (Tipulidae), in soil with pine seedling in air quarters from Germany and on strawberry plant in air baggage from Sweden.

Xyleborus sp., near *eurygraphus* Ratz. (Scolytidae), in melon in cargo from Spain.

INCOMPLETELY DETERMINED DISEASES

Of the 382 incompletely determined diseases, the following are of special interest:

Ascochyta sp. on *Epimedium niveum* leaf in aircargo from England. None reported on this host as far as is known.

Cercospora sp., apparently undescribed, on philodendron cutting in cargo from Mexico. No record on this host. *Cercospora* sp. on anthurium leaf in baggage from Mexico.

Pestalotia sp. on *Arachnanthe flos-aeris* var. *insignis* orchid leaf in aircargo from Thailand. No report on this host as far as known.

Phyllosticta sp. on *Vaccinium leucanthemum* leaf in air quarters from Mexico. Does not agree entirely with any reported *Phyllosticta* on this host genus.

Pleurotes sp. on star cactus in cargo from Mexico.

Uromycladium sp., prob. *alpinum* McAlp., on flaxleaf acacia seed in mail from Australia.

INCOMPLETELY DETERMINED NEMATODES

Of the 379 nematode interceptions not completely identified, the following are significant:

Aphelenchoides sp., probably *parietinus* or *chamelocephalus*, in ginger root in cargo from Japan.

Criconemoides sp., near *informe*, in amaryllis and in soil with fern in baggage from Mexico.

Criconemoides sp., probably new species close to *xenoplax* Raski, 1952, in soil with pyramid Chinese juniper in baggage from Japan.

Criconemoides sp. in soil with various unidentified plants in baggage from Mexico.

Ditylenchus sp., probably *dipsaci*, in onion in air baggage from Mexico.

Ditylenchus sp. in lily-of-the-valley pip in cargo from Denmark.

Helicotylenchus sp., close to *digonicus* Perry in Perry, Darling and Thorne, 1959, in soil with mountain heath in mail from Scotland.

Helicotylenchus sp. (35 times) in *Chamaedorea* sp. plant, common portulaca plant, dahlia root, soil, and soil with the following plants: Agave, begonia, bougainvillea, cactus, coffee, fern, gardenia, ginger, lavender, lily, mint, pepper, philodendron, primrose, spiderwort, unidentified, and verbena. Countries of origin were England, Finland, Guatemala, Hawaii, Italy, and Mexico.

Heterodera sp., probably *rostochiensis*, in soil with fuchsia plant in air baggage from Ireland.

Heterodera sp., *goettingiana* group (78 times), in soil samples, soil with automobiles and military cargo, and soil with various plants and vegetables from Argentina, Azores, England, France, Germany, Greece, Guatemala, Ireland,

Italy, Japan, Mexico, Netherlands, Poland, Portugal, Scotland, Spain, Sweden, and Yugoslavia.

Heterodera sp., *rostochiensis* group, probably "horsenettle cyst nematode," in soil with bougainvillea plant in baggage from Mexico and ullucus tuber in air baggage from Bolivia. *Heterodera* sp., *rostochiensis* group, in soil with begonia, chili pepper, Chinese hibiscus(?), mango, nasturtium, *Origanum* sp.(?), and treebine plants in baggage from Mexico; and in soil with potato in stores from Germany and Italy.

Heterodera sp., *schachtii* group (111 times), in soil samples, soil with automobiles and van pack skids, and soil with various flower plants and vegetables. Countries of origin were Argentina, Australia, Belgium, Canary Islands, Chile, Czechoslovakia, Denmark, England, Finland, France, Germany, Greece, Guatemala, Ireland, Italy, Lebanon, Netherlands, New Zealand, Norway, Okinawa, Paraguay, Poland, Portugal, Scotland, Sweden, and an unknown origin.

Heterodera sp. (4 times) in soil with cactus plant in air baggage from Germany, soil with potato in air baggage from Ireland, soil with rosemary plant in air baggage from Poland, and soil with shamrock in mail from Northern Ireland.

Hoplolaimus sp. (3 times) in soil with agave, pricklypear, and unidentified plants in baggage from Mexico.

Meloidogyne sp. (33 times) in roots of various flower and ornamental plants from Austria, England, Fiji, Germany, Hawaii, India, Japan, Mexico, Netherlands, Portugal, Republic of South Africa, Spain, and Switzerland.

Paratylenchus sp. in soil with mountain heath plant in mail from Ireland.

Pratylenchus sp. (12 times) in amaryllis bulb, cornflower root, Fortunes plantainlily root, helianthus root, lungwort root, and in soil with coffee, maidenhair fern, mountain heath, and unidentified plants from the Azores, England, India, Ireland, Mexico, Netherlands, and the Republic of South Africa.

Psilenchus sp. in unidentified plant in mail from India.

Rotylenchus sp. in soil with yucca in cargo from Guatemala.

Scutellonema sp. in soil with amaryllis plant, gardenia plant, and lily bulb in baggage and ragweed plant in mail from Mexico.

Trichodorus sp. in soil with camellia plant in baggage from Portugal.

Tylenchorhynchus sp., near *latus* Allen, 1955, in soil with gardenia plant in baggage from Mexico.

Tylenchorhynchus sp. (18 times) in soil with agave, chrysanthemum, coleus, gardenia, hibiscus, orchid, pricklypear, succulent, and unidentified plants in baggage from Mexico, soil with snails in air baggage from the Philippines, soil with unidentified plants in air baggage from England, and in tuberous begonia in air baggage and mail from Belgium.

Tylenchus sp., near *discrepans* Andrassy, 1954, in soil with pine plant in air baggage from Japan.

Tylenchus sp. (5 times) in soil with begonia in baggage from Argentina, soil with coffee, dahlia, and philodendron plants in baggage from Mexico, and in unidentified plants in mail from India.

Xiphinema sp. (5 times) in soil with amaryllis bulb and pepper plant in baggage from Mexico, soil with camellia in baggage from Portugal, and soil with common cassava root in cargo from Guatemala.

CHANGES IN NOMENCLATURE

For reference purposes the following list represents insect name changes which have occurred since the issuance of the previous list. Disease name changes are included in the tabulation.

Aleurotrachelus jelenekii (Frauen.) (=*Frauenfeldiella jelenekii* (Frauen.))

Bruchidius villosus (F.) (=*Sparteus villosus* (F.))

Bruchus rufipes Hbst. (=*B. guttalis* Rey)

Incisitermes repandus (Hill) (=*Kalotermes repandus* Hill)

Lygaeus pulchellus F. (=*Ochrostomus pulchellus* (F.))

Merodon equestris (F.) (=*Lampetia equestris* (F.))

Ovatus crataegarius (Wlk.) (=*Phorodon menthae* (Buckt.))

Taeniothrips eucharii (Whetzel) (=*T. gracilis* Moulton)

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease
Africa:		
Africa (country(?))	5	0
Algeria	6	0
Angola	1	0
Canary Islands	1	1
Cape Verde Islands	1	0
Ethiopia	2	0
Federation of Rhodesia and Nyasaland	1	0
Ghana	3	0
Ivory Coast	1	0
Kenya	5	0
Kenya(?)	1	0
Liberia	8	0
Libya	10	0
Madagascar	2	0
Morocco	59	0
Mozambique	2	0
Nigeria	4	0
Republic of South Africa	23	275
Republic of the Congo	8	0
Senegal	5	1
Seychelles	1	0
Sierra Leone	8	0
Sudan	66	0
United Arab Republic	11	0
West Africa	6	0
Zanzibar	1	0
Asia:		
Afghanistan	0	3
Burma	1	0
Ceylon	5	0
China	9	28
Cyprus	3	0
Federation of Malaysia	3	4
Federation of Malaysia(?)	1	0
Formosa	11	16
Hong Kong	22	127
Hong Kong(?)	1	0
India	84	163
India(?)	0	1
Indonesia	2	0
Iran	9	0
Israel	33	0
Japan	518	466
Japan(?)	1	0
Jordan	2	0
Korea	1	0
Kuwait	1	0
Lebanon	11	2
Macao	1	0
Nepal	0	1
Pakistan	23	4
Thailand	7	5
Turkey	20	0
Vietnam	6	3
Australasia:		
American Samoa	5	1
Australia	20	43
Australia(?)	1	0
Eniwetok	1	0
Fiji	18	1
Guam	6	0
Hawaii	555	9
Kwajalein	4	0
New Guinea	1	2
New Zealand	5	4
Okinawa	2	1
Okinawa(?)	1	0
Palmyra Island	1	0
Philippines	36	7
Tahiti	15	0
Tahiti(?)	0	1
Wake Island(?)	1	0
West Pacific	3	0
Europe:		
Austria	5	6
Azores	35	0
Belgium	12	2
Crete	7	0
Czechoslovakia	6	1
Europe—Continued		
Denmark	26	2
England	173	51
Europe (country(?))	115	12
Finland	5	0
France	124	8
France(?)	1	0
Germany	89	16
Greece	74	3
Hungary	15	0
Ireland	98	31
Italy	585	17
Malta	3	0
Netherlands	76	7
Netherlands(?)	1	0
Northern Ireland	0	1
Norway	8	3
Norway(?)	0	1
Poland	33	0
Portugal	53	7
Scotland	23	5
Spain	104	8
Sweden	7	2
Switzerland	15	25
Union of Soviet Socialist Republics	1	0
Yugoslavia	8	0
North America:		
Bermuda	4	0
Bermuda(?)	1	0
Canada	3	2
Central America:		
British Honduras	17	1
Canal Zone	22	5
Costa Rica	21	7
El Salvador	47	3
Guatemala	51	10
Honduras	11	4
Nicaragua	22	5
Panama	54	3
Panama(?)	1	0
Iceland	2	0
Mexico	848	73
Mexico(?)	0	1
West Indies:		
American Virgin Islands	1	0
Antigua	5	0
Aruba	1	0
Bahamas	6	3
Barbados	8	1
British Virgin Islands	1	0
British West Indies (island (?))	1	0
Cuba	5	0
Curacao	2	0
Dominica	2	0
Dominican Republic	175	16
Grenada	4	1
Haiti	40	11
Jamaica	60	14
Nevis	1	0
Puerto Rico	65	12
St. Kitts	3	0
St. Martin	2	0
Tortola	3	0
Trinidad	19	2
West Indies (island(?))	21	0
South America:		
Argentina	10	96
Bolivia	1	0
Brazil	59	102
British Guiana	3	1
Chile	8	0
Colombia	10	2
Ecuador	59	9
French Guiana	1	0
Paraguay	0	2
Peru	10	7
South America (country(?))	0	19
Surinam	3	1
Uruguay	1	7

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease
South America—Continued		
Venezuela	6	0
Totals:		
Africa	241	277
Asia	775	823
Australasia	675	69
Europe	1,702	208
North America	1,529	174
South America	171	246
Unknown	198	75
Total	5,291	1,872

Country	Insect	Disease
Totals—Continued		
Incompletely determined pests	4,558	761
Total insect interceptions	9,849	
Total disease interceptions		2,633
Grand total*		12,482

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 31,439.

NOTE.—Interceptions were also made from Anguilla, Ascension Island, Cayman Islands, Christmas Island, Clipperton Island, Guadeloupe, Johnston Island, Madeira Islands, Martinique, Midway Islands, Montserrat, New Caledonia, Rumania, St. Vincent, Saudi Arabia, Tanganyika, Tonga Islands, Tunisia, and Wales.

Pests Recorded From July 1, 1962, Through June 30, 1963

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Acanthoscelides armitagei (Pic) (Bruchidae):					
Cajanus cajan (pigeonpea)	Canal Zone, Panama, Trinidad.	4		1	Fla., N.Y.
Phaseolus lunatus (lima bean)	Peru		1		La.
Acanthoscelides bixae (Drapiez) (Bruchidae):					
Bixa orellana (anatto-tree) seed	Brazil	1			N.Y.
Acanthoscelides spinipes (Er.) (Bruchidae):					
Acacia farnesiana (sweet acacia) seed	Italy			1	N.Y.
Acacia sp. (seed)	Greece, Italy			4	N.Y.
Aceria pluchеae (Cook) (Eriophyidae):					
Pluchea odorata (leaf)	Puerto Rico	1			P.R.
Aceria rudis (Can.) (Eriophyidae):					
Betula sp. (birch) leaf	Germany	1			N.Y.
Aceria tulipae (Keif.) (Eriophyidae):					
Allium cepa (onion) sets	Mexico			1	Calif.
Achaea janata (L.) (Noctuidae):					
Airplane	Fiji, unknown		2		Hawaii.
Codiaeum variegatum (variegated croton) leaf	Hawaii	2			Hawaii.
Leaf—unidentified	do	1			Hawaii.
Achatina fulica Bowdich (Achatinidae):					
Military cargo (packing crates)	Formosa	1			Hawaii.
Acheta hispanicus (Rambur) (Gryllidae):					
Airplane	Morocco		2		Fla.
Acrida sulphuripennis (Gerst.) (Acrididae):					
Cargo (brought as food for shrews)	Kenya	1			N.Y.
Acrolepia assectella (Zell.) (Yponomeutidae):					
Allium cepa (onion)	France	1			N.Y.
A. porrum (leek)	France, Germany, Italy, Netherlands.	1	16		Calif.,* Fla., N.Y., Ohio, Pa.
Stores (with cauliflower)	France		2		N.Y.
Acrosternum heegeri (Fieber) (Pentatomidae):					
Hibiscus cannabinus (kenaf hibiscus) seed	Ghana			1	D.C.
Adoretus sinicus Burm. (Scarabaeidae):					
Airplane	Hawaii		1		Hawaii.
Baggage	do	1			Hawaii.
Flowers	do	2			Hawaii.
Mail (in sack)	Guam	1			Hawaii.
Orchid (cut flower)	Hawaii	1			Hawaii.
Adozophyes reticulana (Hbn.) (Tortricidae):					
Syringa sp. (lilac) cut flower	Belgium, Germany, Netherlands.	8			N.Y.
Aellopos tantalus (L.) (Sphingidae):					
Automobile	Mexico		1		Tex.
Aeneolamia reducta (Lall.) (Cercopidae):					
Airplane	Panama(?), West Indies (island(?)).		2		Fla., P.R.
Aethus indicus (Westw.) (Cydnidae):					
Airplane	Unknown		1		Hawaii.
Aganactesis indecora Dyar (Galleriidae):					
Cassia fistula (goldenshower senna) seed	Dominican Republic			1	Fla.
Cassia sp. (seed pod)	Brazil, Trinidad			2	Fla.
Agriphila latistria (Haw.) (Crambidae):					
Airplane	France(?)		1		Del.
Aleurocanthus woglumi Ashby (Aleyrodidae):					
Citrus aurantifolia (lime) leaf and stem	Costa Rica, Mexico	9	1		Calif.,* Tex.
C. aurantium (sour orange) leaf	Mexico	2			Calif.
C. sinensis (sweet orange) leaf	do	1			Tex.
Citrus sp. (leaf)	Ecuador, Jamaica, Mexico, Nicaragua.	22			Ariz., Calif. Fla., Ill. La., Tex
Rosa sp. (leaf)	Jamaica	1			Fla.
Aleurocanthus woglumi Ashby (?) (Aleyrodidae):					
Citrus aurantifolia (lime) leaf	Mexico	2			Tex.
Citrus sp. (leaf)	do	1			Tex.
Coffea sp. (leaf)	Jamaica	1			Fla.
Aleurodicus tridescens Ckll. (Aleyrodidae):					
Echinodorus sp. (burhead) leaf	Peru			2	Fla.
Aleurodicus trinidadensis (Kll.) (Aleyrodidae):					
Dendrobium sp. (orchid) leaf	Colombia			1	Fla.
Aleurolobus olivinus Silvestri (Aleyrodidae):					
Olea sp. (olive) leaf of cutting	Spain	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Aleuroparadoxus gardeniae Rsl. (Aleyrodidae):					
Citrus sp. (leaf)	Mexico	1			Tex.
Gardenia sp. (leaf)	do	1			Tex.
Aleuroplatus variegatus Q. & B. (Aleyrodidae):					
Bilbergia sp. (airbrom)	Honduras			1	Calif.*
Chamaedorea elegans (palm) frond	Mexico	5			Tex.
Chamaedorea sp (frond)	do	2			Tex.
Aleurotrachelus jelenekii (Frauen.) (Aleyrodidae):					
Leaf—unidentified	Italy		1		Mass.
Aleurotuberculatus aucubae (Kuw.) (Aleyrodidae):					
Citrus sp. (leaf)	Japan		1		Wash.
Crataegus sp. (hawthorn) leaf of plant	do			1	Hawaii.
Pyracantha sp. (firethorn) leaf	do			2	Wash.
Aleurotuberculatus jasmini Takah. (Aleyrodidae):					
Jasminum sp. (jasmine)	Philippines			1	D.C.
Alloxacis spinosus Arnett (Oedemeridae):					
Airplane	Dominican Republic		1		Fla.
Baggage	Jamaica	1			Fla.
Amatissa consorta (Templ.) (Psychidae):					
Camellia japonica (common camellia)	Japan	1			Hawaii.
Amblycerus reticulatus Jekel (Bruchidae):					
Colubrina rufa (seed)	Brazil			1	D.C.
Anastrepha fraterculus (Wied.) (?) (Tephritidae):					
Coffea sp. (coffee) berry	do	1			Fla.
Anastrepha ludens (Loew) (Tephritidae):					
Calocarpum sapota (mamey sapote)	Mexico	1	3		Ariz., N.Y.
Citrus aurantifolia (sweet lime)	do	20			Ariz., Calif., Tex.
C. paradisi (grapefruit)	do	12	4		Ill., N.Y., Tex.
C. reticulata (Mandarin orange)	do	3			Tex.
C. sinensis (sweet orange) fruit and seed	do	153	43	2	Ala., Ariz., Calif., Fla., Ill., Md., N.Y., Tex.
Cydonia oblonga (quince)	do	11	1		Calif.,* Tex.
Malus sylvestris (apple)	do	2			Tex.
Mammea americana (mamey)	do		1		N.Y.
Mangifera indica (mango)	Mexico, Panama	130	4		Ariz., Calif., Calif.,* Ill., N.Y., Tex.
Prunus persica (peach)	Mexico	3			Tex.
Punica granatum (pomegranate)	do	3			Tex.
Pyrus communis (pear)	do	6			Tex.
Anastrepha ludens (Loew) (?) (Tephritidae):					
Calocarpum sapota (sapote)	do		1		N.Y.
Mangifera indica (mango)	do	2			Tex.
Anastrepha mombinpraeoptans Sein (Tephritidae):					
Airplane	Nicaragua		1		P.R.
Fruit—unidentified	Mexico, unknown	3			Calif.,* Tex.
Mangifera indica (mango)	Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, unknown.	313	20		Ala., Am. V.I., Ariz., Calif., Calif.,* Fla., La., N.Y., N.C., P.R., S.C., Tex.
Psidium guajava (guava)	El Salvador, Guatemala, Mexico, Tortola.	7			Am. V.I., Calif.,* La.
Spondias mombin (yellow mombin)	Costa Rica, El Salvador, Guatemala, Mexico, Nicaragua, Puerto Rico.	29			Calif.,* P.R., Tex.
S. purpurea (purple mombin)	Mexico	1			Tex.
Terminalia catappa (tropical almond)	Jamaica	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Anastrepha ocresia (Walk.) (Tephritidae):					
Achras zapota (sapodilla)	Dominican Republic	1			P.R.
Anastrepha striata (Schin.) (Tephritidae):					
Psidium guajava (guava)	El Salvador, Nicaragua.	2			Calif.*
Anastrepha suspensa (Loew) (Tephritidae):					
Psidium guajava (guava)	Dominican Republic, Puerto Rico.	3			N.Y., P.R.
Ancylostomia stercorea (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Bahamas, Barbados, Canal Zone, Dominican Republic, Grenada, Haiti, Jamaica, Nevis, Panama, Puerto Rico, Trinidad, unknown, West Indies (island(?)).	96	3		Am. V.I., Bahamas, Calif.,* Fla., N.Y., N.C., P.R.
Mail (with *Citrus* sp. leaves)	Dominican Republic	1			Fla.
Phaseolus lunatus (lima bean)	Trinidad	1			N.Y.
Pisum sativum (pea)	Dominican Republic, Jamaica, Panama.	4			Fla., Mich., N.Y.
Anechura vara Scudd. (Forficulidae):					
Bromeliad	Mexico			1	Tex.
Anthonomus albolineatus Champ. (Curculionidae):					
Orchid	do			1	Tex.
Anthonomus rectirostris (L.) (Curculionidae):					
Prunus serotina (black cherry) seed	Belgium			1	N.J.
Antliarhinus zamiae (Thunb.) (Curculionidae):					
Encephalartos longifolius (longleaf kafirbread)	Republic of South Africa.			1	D.C.
Anuraphis cardui (L.) (Aphidae):					
Cynara scolymus (artichoke)	France, Italy	1	1		N.Y., Ohio.
Rosa sp. (rose) cut flower	Germany	1			N.Y.
Aonidiella citrina (Coq.) (Coccidae):					
Citrus paradisi (grapefruit)	Japan		1		Hawaii.
C. sinensis (sweet orange)	Australia		1		Hawaii.
Aonidiella inornata McKenzie (Coccidae):					
Palm (leaf)	Japan		1		Oreg.
Apate monachus F. (Bostrichidae):					
Wood (packing boards)	Republic of the Congo	1			Md.¶
Aphidura pujoli (Gomez-Menor) (Aphidae):					
Dianthus caryophyllus (carnation) leaf	Portugal			1	Mass.
Aploneura lentisci Pass. (Aphidae):					
Ornithogalum sp. (cut flower)	Israel	1			N.Y.
Araecerus cumingi Jekel (Anthribidae):					
Entada phaseoloides (climbing entada) seed	Guam	1			Hawaii.
Araecerus levipennis Jord. (Anthribidae):					
Acacia koa (koa) seed pod	Hawaii	5			Hawaii.
Airplane	do		4		Hawaii.
Ananas comosus (pineapple)	do	1			Hawaii.
Leucaena leucocephala (white popinac leadtree) seed pod.	do	41			Hawaii.
Seed—unidentified	do	1			Hawaii.
Vanda 'Miss Joachim' (orchid) flower	do	2			Hawaii.
Ardis sulcata (Cam.) (Tenthredinidae):					
Rosa sp. (rose) stem	Austria, Finland, Germany, Hungary, Netherlands.	4	1		N.Y., Ohio.
Arge ochropus (Gmel.) (Argidae):					
Rosa sp. (rose) cut flower	Germany, unknown	1	1		Ill., N.Y.
Argyroploce lacunana (D. & S.) (Olethreutidae):					
Betula sp. (birch) plant	Norway			1	Wash.
Arianta arbustorum (L.) (Helicidae):					
Baggage	Germany	1			Va.
Brassica oleracea var. *botrytis* (cauliflower)	Netherlands		1		Va.
Lactuca sativa (lettuce)	do		1		Va.
Viola sp. (violet) plant	Germany			1	Ill.
Arphnus melanotylus Ashlock (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Bromeliad	do			1	Tex.
Orchid	do			1	Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Aspidiotus capensis Newst. (Coccidae) (tentative):					
Euphorbia sp. (leaf)	Republic of South Africa.	-----	-----	1	N.J.
Aspidiotus destructor Sign. (Coccidae):					
Cocos nucifera (coconut) cap and stem	Costa Rica, Mexico, Panama.	5	2	-----	Calif.*
Leaf—unidentified	Philippines	-----	1	-----	Hawaii.
Musa X *paradisiaca* (banana)	Ecuador	1	-----	-----	Calif.*
Aspidiotus diffinis (Newst.) (Coccidae):					
Citrus reticulata (Mandarin orange)	Japan	-----	1	-----	Calif.*
Persea spp. (budwood)	Mexico	-----	-----	1	Calif.*
Aspidiotus excisus Green (Coccidae):					
Citrus sinensis (sweet orange)	Trinidad	-----	1	-----	Calif.*
Cocos nucifera (coconut) cap	Mexico	1	-----	-----	Calif.*
Aspidiotus herculeanus Ckll. & Hadden (Coccidae):					
Plumeria sp. (frangipani)	Hawaii	-----	-----	2	Calif.*
Aspidiotus palmae Ckll. (Coccidae):					
Areca catheeu (betel palm) calyx of fruit	Guam	1	-----	-----	Wash.
Neoregelia sp. (bromeliad) leaf	Netherlands	-----	-----	1	Fla.
Orchid (leaf)	New Guinea	-----	-----	1	Calif.*
Palm (leaf)	Federation of Malaysia.	-----	-----	1	Calif.*
Aspidotus pulcaris Green (Coccidae):					
Citrus limon (lemon)	Italy	-----	1	-----	Calif.*
Asterobemisia carpini (Koch) (Aleyrodidae):					
Leaf—unidentified	France	-----	1	-----	Calif.*
Ribes sp. (leaf)	France, unknown	-----	3	-----	N.Y.
Asterolecanium bambusae (Bdv.) (Coccidae):					
Bamboo	Hawaii, Mexico	1	-----	1	Calif.,* Tex.
Bambusa sp.	Mexico, Panama	-----	-----	2	Calif.*
Asterolecanium epidendri (Bouche) (Coccidae):					
Chamaedorea elegans (palm) leaf	Mexico	1	-----	-----	Tex.
Maxillaria sp. (orchid)	Venezuela	-----	-----	1	Fla.
Aulacaspis tubercularis Newst. (Coccidae):					
Mangifera indica (mango)	El Salvador, Guatemala, Nicaragua, Philippines.	7	-----	-----	Calif.,* Wash.
Austrotortrix postvittana (Wlk.) (?) (Tortricidae):					
Malus sylvestris (apple)	New Zealand	3	-----	-----	Hawaii.
Prunus domestica (plum)	do	1	-----	-----	Hawaii.
Batrachedra linaria Clarke (Cosmoptergidae):					
Agave shawii	Mexico	-----	-----	5	Calif.
Bephrata maculicollis Cam. (Eurytomidae):					
Annona sp.	Costa Rica	-----	1	-----	Tex.
Betulaphis quadrituberculatus (Kltb.) (Aphidae):					
Airplane	Australia	-----	1	-----	Hawaii.
Bibio hortulanus (L.) (Bibionidae):					
Brassica oleracea var. *botrytis* (cauliflower)	France	-----	1	-----	N.Y.
Blastodacna atra (Haw.) (Cosmopterigidae):					
Malus sylvestris (apple)	Germany, Poland	2	-----	-----	N.Y.
Blennocampa pusilla (Klug) (Tenthredinidae):					
Rosa sp. (rose) cut flower	England	1	-----	-----	N.Y.
Brachycerus albidentatus Gyll. (Curculionidae):					
Allium sativum (garlic)	Italy	6	-----	-----	N.Y.
Brachycerus algirus (F.) (Curculionidae):					
Allium sativum (garlic)	Italy, Spain	9	1	-----	N.Y., P.R
Bradybaena similaris (Fer.) (Bradybaenidae):					
Anthurium sp. (cut flower)	Hawaii	2	-----	-----	Hawaii.
Colocasia esculenta (dasheen) plant	do	-----	-----	1	Hawaii.
Cordyline terminalis (ti)	do	1	-----	-----	Hawaii.
Flowers	do	1	-----	-----	Hawaii.
Military cargo	Bermuda	1	-----	-----	N.Y.
Orchid (cut flower)	Hawaii	1	-----	-----	Hawaii.
Phaius wallichii (orchid) cut flower	do	1	-----	-----	Hawaii.
Vanda 'Miss Joachim' (orchid) cut flower	do	2	-----	-----	Hawaii.
Brevipalpus chilensis Baker (Tenuipalpidae):					
Citrus limon (lemon)	Unknown	-----	1	-----	Fla.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Brevipalpus obovatus Donn. (Tenuipalpidae):					
Chamaecyparis pisifera (Sawara falsecypress)	Japan	1			Hawaii.
Citrus aurantifolia (sour lime)	Brazil		1		Fla.
Diospyros kaki (kaki persimmon)	Japan	1			Hawaii.
Spathoglottis sp. (orchid) plant	Formosa			1	Hawaii.
Bruchidius caerulius (Champ.) (Bruchidae):					
Desmodium sp. (tick clover)	Burma			1	D.C.
Bruchidius debilis (Gyll.) (Bruchidae):					
Laburnum anagyroides (goldenchain laburnum).	Italy			2	N.J.
Bruchidius gilvus (Gyll.) (Bruchidae):					
Castanea sp. (chestnut)	do	1			N.Y.
Hedysarum coronarium (sulla sweet-vetch)	do			1	N.Y.
Triticum aestivum (wheat)	do	1			N.Y.
Bruchidius incarnatus (Boh.) (Bruchidae):					
Lens culinaris (lentil)	do		1		N.C.
Bruchidius marginalis (F.) (Bruchidae):					
Astragalus cicer (seed)	Yugoslavia			1	D.C.
Bruchidius meleagrinus (Géné) (Bruchidae):					
Lens culinaris (lentil)	Italy	1			N.Y.
Bruchidius unicolor (Ol.) (Bruchidae):					
Spartium junceum (weavers-broom) seed	do			1	N.J.
Bruchidius unicolor (Ol.)(?) (Bruchidae):					
Pisum sativum (pea) seed	Republic of the Congo.			1	D.C.
Bruchidius villosus (F.) (Bruchidae):					
Cytisus scoparius (Scotch-broom)	Belgium, England, Italy.			4	N.J., Pa.
Laburnum anagyroides (goldenchain laburnum) seed.	Austria, Germany			2	N.J.
Bruchus azoricus Crotch (Bruchidae):					
Vicia sativa (vetch) seed	Portugal			2	N.Y.
Bruchus dentipes (Baudi) (Bruchidae):					
Vicia faba (broadbean)	Greece, Iran, Italy	5			Ill., Md., Mass., N.Y.
Bruchus emarginatus Allard (Bruchidae):					
Lathyrus sp. (peavine) seed	Portugal			1	N.Y.
Bruchus ervi Froel. (Bruchidae):					
Baggage (with *Rosa* sp.)	France	1			N.Y.
Lens culinaris (lentil)	France, Germany, Greece, Italy, Lebanon, Mexico, Turkey, unknown.	21	3	1	D.C., Ill., La., Md., Mass., N.Y.
Bruchus lentis Froel. (Bruchidae):					
Lens culinaris (lentil)	Cyprus, France, Germany, Greece, Italy, Morocco, Netherlands, Spain, Turkey, United Arab Republic, unknown.	22	11		Fla., Ill., La., Mass., Mich., N.J., N.Y., N.C., Pa., S.C., Tex.
Vicia faba var. *equina* (horsebean)	Spain			1	Pa.
V. sativa (vetch) seed	Lebanon	1			N.Y.
Vicia sp. (seed)	Portugal			1	N.Y.
Bruchus rufipes Hbst. (Bruchidae):					
Baggage	Italy	1			N.Y.
Legume (seed)	Spain			1	N.Y.
Pisum sativum (pea)	Italy	1			N.Y.
Stores (with *Brassica oleracea* var. *capitata* (cabbage)).	Germany		1		N.Y.
Vicia faba (broadbean)	England, Italy	1		1	N.Y., Wash.
V. sativa (vetch) seed	Azores, France, Italy	6			Md., Mass., N.Y.
V. tenuifolia (bramble vetch) seed	Czechoslovakia			1	D.C.
Vicia sp. (seed)	Azores, France, Yugoslavia.	1		3	D.C., Mass., N.J.
Bruchus rufipes luteicornis Ill. (Bruchidae):					
Vicia sativa (vetch) seed	Italy, Portugal	3			N.J., N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Bruchus signaticornis Gyll. (Bruchidae):					
Lathyrus sativus (grass peavine) seed	Italy	1			N.Y.
Lens culinaris (lentil) seed	Greece, Italy, Spain	11	2		Md., N.Y., Ohio, Tex.
Vicia faba (broadbean) seed	Italy	2			N.Y.
Bruchus tristiculus Fahr. (Bruchidae):					
Lathyrus odoratus (sweetpea) seed	Greece			1	S.C.
L. sativus (grass peavine) seed	Azores, Italy	2			Mass., N.Y.
Lathyrus sp. (peavine) seed	France, Italy, Portugal.	3		3	Mass., N.J., N.Y.
Legume (seed)	Azores			1	Mass.
Pisum sativum (pea) seed	Israel, Italy	2		1	N.Y.
Vicia faba (broadbean) seed	Italy	2			N.J., N.Y.
Bruchus tristis Boh. (Bruchidae):					
Cicer arietinum (chickpea)	do	1			N.Y.
Lathyrus sativus (grass peavine) seed	do	5		4	N.Y.
Lathyrus sp. (seed)	do	10		1	Mass., N.Y.
Pisum sativum (pea)	Greece, Italy	1	1		N.Y.
Vicia faba (broadbean)	Italy, Yugoslavia	1		1	N.Y., Wash.
Bruchus ulicis Muls. (Bruchidae):					
Lens culinaris (lentil)	Greece	1			N.Y.
Bruchus viciae Ol. (Bruchidae):					
Lathyrus latifolius (perennial pea) seed	France, Netherlands			3	N.J., N.Y.
Bryobia chari Pritchard & Keifer (Tetranychidae):					
Chrysanthemum morifolium	Japan	2			Hawaii.
Cacoecimorpha pronubana (Hbn.) (Tortricidae):					
Dianthus caryophyllus (carnation)	Spain	1			N.Y.
Rosa sp. (plant)	Italy			1	N.Y.
Callidium rufipenne Motsch. (Cerambycidae):					
Dunnage	Japan		1		Fla.
Wood (crate)	do	2			Tex.
Callosobruchus analis (F.) (Bruchidae):					
Pisum sativum (pea)	Federation of Malaysia.		1		Wash.
Calyptocephala gerstaeckeri Boh. (Chrysomelidae):					
Chamaedorea sp. (palm) leaf	Mexico	3			Tex.
Carposina niponensis Wlsm. (Carposinidae):					
Malus sylvestris (apple)	Japan		10		Hawaii., La., N.C., Pa., Wash.
Caryedon gonagra (F.) Bruchidae:					
Adenanthera pavonina (sandal beadtree) seed	Hawaii	1			Hawaii.
Arachis hypogaea (peanut)	Senegal, West Africa	1	1		N.Y., Ohio.
Baggage	Hawaii	1			Hawaii.
Ballast	Unknown		1		Mich.
Cajanus cajan (pigeonpea)	India		1		La.
Cassia javanica (appleblossom senna) pod	Hawaii	1			Hawaii.
Cassia sp. (pod)	do	4			Hawaii.
Phaseolus vulgaris (bean)	India		1		Tex.
Plumeria sp. (frangipani)	Guam		1		Hawaii.
Stores	India, unknown		2		Ill., La.
Tamarindus indica (tamarind) pod	British Guiana, Curacao, India, Mexico, Philippines, Thailand.	14	4		D.C., Hawaii, Ill., Mich., N.J., N.Y. Tex., Wash.
Carystoides basochesii replana (Plotz) (Hesperiidae):					
Chamaedorea oblongata (palm) leaf	Mexico	1			Tex.
Carystoides lebbaeus (Hew) (Hesperiidae):					
Chamaedorea elegans (palm) leaf	do	1			Tex.
Chamaedorea sp. (leaf)	do	2			Tex.
Ceciloides acicula (Müller) (Achatinidae):					
Daucus carota var. *sativa* (carrot)	Netherlands		1		Fla.
Soil	Israel	1			Mass.
Cenopalpus pulcher (C. & F.) (Tenuipalpidae):					
Cutting—unidentified	Italy			1	N.Y.
Malus sylvestris (apple)	Spain		1		Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Ceratitis capitata (Wied.) (Tephritidae):					
Baggage (with sphagnum moss packing)	Hawaii	1			Hawaii.
Cactus (fruit)	Italy	3			N.Y.
Calophyllum inophyllum (Indiapoon beauty-leaf) fruit.	Hawaii	2			Hawaii.
Capsicum annuum (pepper)	Federation of Rhodesia and Nyasaland, Greece, Liberia.	7			N.Y.
C. annuum var. *grossum* (bell pepper)	Italy, Senegal		2		Ala., Pa.
Carica papaya (papaya)	Hawaii	1			Hawaii.
Citrus mitis (calamondin orange)	do	1			Hawaii.
C. paradisi (grapefruit)	Argentina, Italy, Morocco, Spain, unknown.	1	5		Fla., Mass., N.Y.
C. reticulata (Mandarin orange)	Africa (country(?)), Hawaii, Italy, Portugal, United Arab Republic, unknown.	10	4		Hawaii., N.Y., P.R. S.C., Tex.
C. sinensis (sweet orange)	Argentina, Azores, Brazil, Cyprus, Europe (country (?)), Greece, Israel, Italy, Jordan, Morocco, Portugal, Republic of South Africa, Spain, United Arab Republic, unknown.	22	25		Ala., Fla., Md., Mass. Minn., N.Y., Pa., P.R., Tex.
C. sinensis var. *shamuti*	Israel	2			N.Y.
Coffea arabica (Arabian coffee) berry	Brazil, Costa Rica, Hawaii, unknown.	63			Fla., Hawaii, N.Y., Tex.
Cydonia oblonga (quince)	France, Greece, Italy	11			N.Y.
Diospyros kaki (kaki persimmon)	Italy	1			N.Y.
Diospyros sp.	do	3			N.Y.
Eugenia malaccensis (Malay-apple)	Hawaii	1			Hawaii.
Eugenia sp. (fruit)	do	2			Hawaii.
Ficus carica (fig)	Argentina, Brazil, Greece, Italy, Lebanon, Portugal, unknown, Uruguay.	30	2		Mass., N.Y., Ohio, P.R.
Fruit—unidentified	Italy	1			N.Y.
Malus sylvestris (apple)	Azores, Italy, Malta, Portugal, Spain.	6	3		Calif.,* Fla., N.Y., P.R., Va.
Mangifera indica (mango)	Hawaii, United Arab Republic.	3			Hawaii, N.Y.
Opuntia humifusa (pricklypear)	Italy	13			N.Y.
Phoenix dactylifera (date)	Lebanon	1			Ohio.
Pistacia vera (common pistache) pulpcovering nut	do	1			Ohio.
Prunus armeniaca (apricot)	France, Italy, Spain, unknown.		4		N.Y.
P. domestica (plum)	Azores, Italy, Portugal.	3			Mass., N.Y.
P. persica (peach)	Argentina, France, Greece, Israel, Italy, Peru, Portugal, Spain, unknown.	20	9		Calif.,* Fla., Ill., Mass., N.J., N.Y., P.R., Va.
P. persica var. *nectarina* (nectarine)	Azores, Italy	2			Mass., N.Y.
Psidium guajava (guava)	Azores, Hawaii	4			Hawaii, Mass.
Punica granatum (pomegranate)	Argentina, Hawaii, Italy.	8			Fla., Hawaii, N.Y.
Pyrus communis (pear)	Azores, France, Israel, Italy, Malta, Portugal.	12			Calif.,* Ill., Mass., Mich., N.Y.
Terminalia catappa (tropical almond)	Hawaii	3			Hawaii.
Zizyphus sp. (jujube) dried	Italy	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nursery	Propagation	
Ceratitis capitata (Wied.) (?) (Tephritidae):					
Capsicum annuum (pepper)	Argentina, Liberia	1	1	-----	N.Y.
Citrus sinensis (sweet orange)	Argentina, Bermuda(?), Italy.	1	2	-----	Mass., N.Y., S.C.
Coffea arabica (Arabian coffee)	Brazil, Costa Rica, Hawaii.	4	-----	-----	Hawaii, N.Y., Tex.
Juglans regia (English walnut)	Greece	1	-----	-----	N.Y.
Lycopersicon esculentum (tomato)	Australia(?)	-----	1	-----	Hawaii.
Mangifera indica (mango)	United Arab Republic.	1	1	-----	N.Y., Pa.
Prunus armeniaca (apricot)	Canary Islands	-----	1	-----	Tex.
P. persica (peach)	Israel	1	-----	-----	N.Y.
Ceratitis colae Silv. (?) (Tephritidae):					
Cola acuminata (Sudan colanut) nut	Nigeria	1	-----	-----	N.Y.
Ceratitis rubivora Coq. (Tephritidae):					
Rubus sp. (seed)	Ethiopia	-----	-----	1	D.C.
Cerconota anonella (Sepp) (Stenomidae):					
Annona muricata (soursop)	Panama	1	-----	-----	Ala.
A. reticulata (custard-apple)	Honduras	1	-----	-----	Fla.
Cerodontha denticornis (Panzer) (Agromyzidae):					
Crassula perfoliata (thorowort crassula)	Azores	-----	-----	1	Del.
Ceroplastes ceriferus (And.) (Coccidae):					
Cycas revoluta (Sago palm)	Japan	-----	-----	1	Hawaii.
Ceroplastes rubens Mask. (Coccidae):					
Anthurium sp. (leaf)	Hawaii	1	-----	-----	Hawaii.
Hedera helix (English ivy) leaf	Unknown	-----	1	-----	Hawaii.
Metrosideros sp. (irontree) leaf	Hawaii	1	-----	-----	Hawaii.
Plant—unidentified (leaf)	Australia	-----	-----	1	Hawaii.
Ceutorhynchus erysimi (F.) (Curculionidae):					
Nursery stock	Netherlands	-----	-----	1	N.J.
Chaetanaphothrips orchidii (Moulton) (Thripidae):					
Izora sp. (lei)	American Samoa	1	-----	-----	Hawaii.
Orchid (plant)	Mexico	-----	-----	1	Tex.
Chalciope hyppasia (Cram.) (Noctuidae):					
Airplane	China, unknown	-----	2	-----	Hawaii.
Chilo loftini Dyar (Crambidae):					
Saccharum officinarum (sugarcane)	Mexico	60	-----	-----	Ariz., Calif., Tex.
Chilo suppressalis (Wlk.) (Crambidae):					
Oryza sativa (rice) husk, straw, and straw jacket.	Japan, Philippines, Spain.	10	1	-----	Calif.,* Hawaii, N.Y., Tex.
Chionaspis salicis (L.) (Coccidae):					
Tilia cordata (littleleaf linden) stem	Germany	-----	-----	1	D.C.
Chlorophorus annularis (F.) (Cerambycidae):					
Bamboo (poles at center of rolled rugs)	Japan	1	-----	-----	N.C.
Choranthus vitellius (F.) (Hesperiidae):					
Airplane	British Virgin Islands, St. Kitts.	-----	2	-----	Am. V.I.
Chrysomphalus albopictus (Ckll.) (Coccidae):					
Citrus aurantifolia (sour lime)	Mexico	-----	1	-----	Calif.*
Cocos nucifera (coconut) cap	Costa Rica, Mexico	2	-----	-----	Calif.*
Orchid (leaf)	Canal Zone, Guatemala.	-----	-----	2	Calif.*
Persea sp. (budwood)	Mexico	-----	-----	1	Calif.*
Chrysomphalus calurus (Ckll.) (Coccidae):					
Spondias mombin (yellow mombin)	Nicaragua	1	-----	-----	Calif.*
Chrysomphalus odontoglossus (Ckll.) (Coccidae):					
Orchid (pseudobulb)	Jamaica	-----	-----	1	Fla.
Palm (leaf)	Mexico	1	-----	-----	Tex.
Chrysomphalus personatus (Comst.) (Coccidae):					
Bromeliad (leaf)	Netherlands	-----	-----	1	Fla.
Citrus aurantifolia (sour lime)	Brazil	-----	2	-----	Calif.*
C. sinensis (sweet orange)	Brazil, unknown	1	5	-----	Calif.,* N.Y.
Cocos nucifera (coconut) cap	Mexico	1	-----	-----	Calif.*
Chrysomphalus tinyi (McKenzie) (Coccidae):					
Phalaenopsis lueddemanniana (orchid)	Philippines	-----	-----	1	Hawaii.
Chrysomphalus umboniferus (Newst.) (Coccidae):					
Philodendron sp. (leaf)	Brazil	-----	-----	1	Calif.*
Cladius isomerus Nort. (Tenthredinidae):					
Rosa sp. (leaf)	Mexico	1	-----	-----	Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cladius pectinicornis (Fourc.) (Tenthredinidae):					
Rosa sp.	Denmark, England, Germany, Israel, Scotland, Switzerland.	8	1	1	Mass., N.Y.
Clysiana ambiguella (Hbn.) (Phaloniidae):					
Vitis sp. (grape)	Hungary, unknown	1	1	-----	N.Y.
Coccus viridis (Green) (Coccidae):					
Coffea sp. (coffee)	Hawaii	1	-----	-----	Hawaii.
Gardenia jasminoides (cut flower)	do	19	-----	-----	Hawaii.
Gymostachyum leptostachyum	Indonesia	-----	-----	1	Hawaii.
Orchid	Ecuador	-----	-----	1	Calif.*
Cochlicella barbara (L.) (Helicellidae):					
Allium sativum (garlic)	Morocco	-----	1	-----	N.Y.
Automobile	Libya, Morocco	2	-----	-----	N.Y., S.C.
Military cargo	Crete, France, Greece, Morocco, Spain.	27	-----	-----	Del., La., Mass., N.Y., S.C., Va.
Mirabilis jalapa (common four-o'clock) seed	France	-----	-----	1	Pa.
Cochicella ventrosa (Fer.) (Helicellidae):					
Allium porrum (leek)	Portugal	-----	2	-----	N.Y.
Automobile	Libya	1	-----	-----	S.C.
Brassica oleracea var. *capitata* (cabbage)	Portugal	-----	1	-----	N.Y.
Lactuca sativa (lettuce)	Italy	-----	1	-----	N.Y.
Military cargo	Azores, Morocco, Spain, unkown.	13	-----	-----	La., Mass., N.C., S.C., Va.
Coelonertus nigrirostris Solari (Curculionidae):					
Chamaedorea elegans (palm) stem	Mexico	5	-----	-----	Tex.
Conoderus exsul (Sharp) (Elateridae):					
Vanda hybrid (orchid) flower	Hawaii	1	-----	-----	Hawaii.
Conotelus mexicanus Murr. (Nitidulidae):					
Bromeliad	Mexico	-----	-----	1	Tex.
Chrysanthemum sp. (cut flower)	do	1	-----	-----	Tex.
Delphinum sp. (cut flower)	do	1	-----	-----	Ariz.
Gladiolus sp. (cut flower)	do	1	-----	-----	Ariz.
Medicago sativa (alfalfa)	do	1	-----	-----	Tex.
Vanda 'Miss Joachim' (orchid)	Hawaii	14	-----	-----	Hawaii.
Vegetables	Mexico	1	-----	-----	Tex.
Conotrachelus aguacatae Barber (Curculionidae):					
Persea americana (avocado) fruit and seed	do	1	-----	1	Tex.
P. americana var. *drymifolia* (Mexican avocado)	do	1	-----	-----	Calif.
Conotrachelus perseae Barber (Curculionidae):					
Persea americana (avocado) seed	Costa Rica	-----	-----	1	Tex.
Coptotermes formosanus Shiraki (Rhinotermitidae):					
Mail package	Hawaii	1	-----	-----	Hawaii.
Cordylomera spinicornis (F.) (?) (Cerambycidae):					
Khaya sp. (mahogany) log	West Africa	1	-----	-----	Va.
Cosmopolites sordidus (Germ.) (Curculionidae):					
Musa X paradisiaca (banana)	Panama	1	-----	-----	S.C.
Musa sp. (plant)	Canal Zone	-----	-----	1	Fla.
Crenidorsum stigmaphylli Rsl. (Aleyrodidae):					
Leaf—unidentified	Dominican Republic	-----	-----	1	Fla.
Cryphula apicata (Dist.) (Lygaeidae):					
Cactus (plant)	Mexico	-----	-----	1	Tex.
Cryptoblabes gnidiell a (Mill) (Phycitidae):					
Citrus sinensis (sweet orange)	Greece, Italy, Spain, unknown.	-----	9	-----	Del., N.Y., N.C., Pa.
Cydonia oblonga (quince)	Italy	1	-----	-----	N.Y.
Mangifera indica (mango)	Cape Verde Islands	1	-----	-----	N.Y.
Punica granatum (pomegranate)	Greece, Italy, Portugal, Venezuela, Yugoslavia.	14	-----	-----	N.Y.
Cryptophlebia illepida (Btlr.) (Olethreutidae):					
Canavalia microcarpa (mauna loa) seed	Hawaii	-----	-----	1	Hawaii.
Macadamia ternifolia (Queenslandnut macadamia).	do	2	-----	-----	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cryptophlebia ombrodelta (Lower) (Olethreutidae):					
Euphoria longan	Hawaii	1			Hawaii.
Litchi chinensis (lychee) nut	Hawaii, Vietnam	2			Hawaii, Va.
Macadamia ternifolia (Queenslandnut macadamia).	Hawaii	1			Hawaii.
Phaseolus lunatus (lima bean)	do	1			Hawaii.
P. vulgaris (bean) pod	do	1			Hawaii.
Poinciana pulcherrima (flowerfence poinciana) pod.	do	1			Hawaii.
Cryptotermes brevis (Wlk.) (Kalotermitidae):					
Paper (sack and wrapping)	China, Hawaii	2			Fla., Hawaii.
Wood (barrel and tree limb)	Haiti, Hawaii	2			Calif.,* Fla.
Curculio elephas (Gyll.) (Curculionidae):					
Castanea sativa (European chestnut)	Italy, Portugal	23			Ill., N.Y., P.R.
Castanea sp. (chestnut)	France, Greece, Italy, Portugal, Spain, Switzerland, Yugoslavia.	83	3		Ill., Mass., N.Y.
Curculio nucum (L.) (Curculionidae):					
Corylus avellana (European filbert)	Italy, Switzerland	1	1		N.Y.
Corylus sp. (hazelnut)	do	2			N.Y.
Cyane terpsichorella Busck (Tineidae):					
Baggage (with banana)	Hawaii	1			Hawaii.
Cyclocephala discicollis Arrow (Scarabaeidae):					
Airplane	Panama		1		Fla.
Cylas formicarius (F.) (Curculionidae):					
Airplane	Australia		1		Hawaii.
Cylas formicarius (F.) var. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Hong Kong		1		Calif.*
Cylas formicarius elegantulus (Summers) (Curculionidae):					
Bagging (empty burlap bag)	Cuba		1		Fla.
Cargo (with banana)	Haiti	1			Fla.
Ipomoea batatas (sweetpotato)	Antigua, Cuba, Dominican Republic, Mexico, Puerto Rico, Trinidad.	8	5		Am. V.I., Fla., Pa., P.R., Tex.
Quarters (on sack of mangoes)	Mexico		1		Tex.
Cylas formicarius formicarius (F.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Hong, Kong, Japan, Philippines.	1	2	1	Calif.,* Fla., Hawaii, Md.
Cylas puncticollis Boh. (Curculionidae):					
Ipomoea batatas (sweetpotato)	Kenya, Liberia, Nigeria, Sierra Leone.	5	6		Md., Mass., N.Y., Pa., Va.
Cylindrocopturus tetralobus Champ. (?) (Curculionidae):					
Bromeliad	Mexico			1	Tex.
Dactynotus sonchi (L.) (Aphidae):					
Lactuca sativa (lettuce)	Netherlands		1		Pa.
Dacus cucurbitae (Coq.) (Tephritidae):					
Capsicum annuum var. *grossum* (bell pepper)	Hawaii		1		Calif.*
C. annuum var. *longum* (chili pepper)	Thailand	1			Hawaii.
Cucumis sativus (cucumber)	Hawaii, Ivory Coast		2		Calif.,* Mass.
Momordica charantia (balsam-pear)	Philippines	1			Hawaii.
Dacus cucurbitae (Coq.)(?) (Tephritidae):					
Cucumis sativus (cucumber)	Hawaii		4		Calif.*
Dacus dorsalis Hend. (Tephritidae):					
Averrhoa carambola (carambola) fruit	do	1			Hawaii.
Baggage	do	1			Hawaii.
Calophyllum inophyllum (Indiapoon beauty-leaf) fruit.	do	2			Calif.,* Hawaii.
Capsicum annuum (pepper)	do	1			Calif.*
Carica papaya (papaya)	do	3		1	Hawaii.
Eugenia jambos (rose-apple)	do	2			Hawaii.
E. malaccensis (Malay-apple)	do	2			Hawaii.
Eugenia sp. (fruit)	do	2			Hawaii.
Mangifera indica (mango)	Hawaii, Philippines	19	1		Calif.,* Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Dacus dorsalis Hend.—Continued					
Persea americana (avocado)	Hawaii	4			Hawaii.
Psidium guajava (guava)	do	2			Hawaii.
Terminalia catappa (tropical almond)	do	2			Hawaii.
Dacus dorsalis Hend. (?) (Tephritidae):					
Aleurites moluccana (candlenut-tree)	do	1			Hawaii.
Mangifera indica (mango)	do	6			Hawaii.
Persea americana (avocado)	do	1			Hawaii.
Psidium guajava (guava)	Hawaii, India	2			Hawaii.
Dacus oleae (Gmel.) (Tephritidae):					
Baggage (with lemon)	Italy	1			N.Y.
Olea europaea (olive)	Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Spain.	76	1		Md., Mass., Mich., N.J., N.Y., Ohio, Pa., Tex.
O. verrucosa (warty olive) seed	Republic of South Africa.			1	D.C.
Olea sp. (branch with fruit)	Ethiopia	1			Tex.
Dacus oleae (Gmel.)(?) (Tephritidae):					
Olea europaea (olive)	Italy	1			N.Y.
Deltocephalus maculellus Osborn (Cicadellidae):					
Airplane	British West Indies (island(?)), St. Kitts.		2		Am. V.I., P.R.
Depressaria erinaceella Stgr. (Oecophoridae):					
Cynara scolymus (artichoke)	Italy	2			N.Y.
Diabrotica speciosa (Germ.) (Chrysomelidae):					
Airplane	Unknown		1		Fla.
Dialeurodes chittendeni Laing (Aleyrodidae):					
Rhododendron sp.	England, Netherlands			4	N.J., N.Y.
Dialeurodes citrifolii (Morg.) (Aleyrodidae):					
Citrus sp. (leaf)	Dominican Republic, Jamaica.	2			Fla., N.Y.
Dialeurodes kirkaldyi (Kot.) (Aleyrodidae):					
Gardenia jasminoides (leaf)	Hawaii, Tahiti	2			Hawaii.
Jasminum sambac (Arabian jasmine) leaf	Hawaii, Philippines	1		3	D.C., Hawaii.
Plant—unidentified	China			1	Wash.
Diaphania quadristigmalis (Guen.) (Pyraustidae):					
Orchid (leaf)	Costa Rica			1	Fla.
Diaprepes abbreviatus (L.) (Curculionidae):					
Airplane	Puerto Rico		1		P.R.
Flowers	Haiti	1			P.R.
Staphylea bolanderi (Sierra bladder-nut)	do	1			P.R.
Diaprepes abbreviatus (L.) var. (Curculionidae):					
Flowers	do	1			P.R.
Diaprepes farinosus Gyll. (Curculionidae):					
Zea mays (corn) meal	Antigua	1			Am. V.I.
Diataraxia oleracea (L.) (Noctuidae):					
Airplane	Unknown		1		N.Y.
Dichocrocis punctiferalis (Guen.) (Pyraustidae):					
Pinus sp. (5-needle pine) dwarf tree	Japan			2	Wash.
Dictyla nassata (Puton) (Tingidae):					
Debris	Morocco		1		Fla.
Dinoderus bifoveolatus (Woll.) (Bostrichidae):					
Phragmites sp. (dunnage)	Africa (country(?))		1		Md.
Wood (crate)	India	1			N.Y.
Dinoderus borneanus Lesne(?) (Bostrichidae):					
Palm (matting)	American Samoa	1			Calif.*
Diocalandra taitensis (Guer.) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Cocos nucifera (coconut)	do	4			Hawaii.
Diorymerellus laevimargo Champ. (Curculionidae):					
Orchid (plant)	Guatemala, Mexico			5	Tex.
Draeculacephala clypeata Osborn (Cicadellidae):					
Cargo (with bananas)	Ecuador	1			Fla.
Drymaeus hegewischi (Pfeiffer) (Bulimulidae):					
Bromeliad (plant)	Mexico			1	Fla.
Dysdercus andreae (L.) (Pyrrhocoridae):					
Airplane	Dominican Republic		2		Fla.
Dysdercus mimus (Say) (Pyrrhocoridae):					
Saccharum officinarum (sugarcane) bagasse	Mexico	1			Ill.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Dysdercus obliguus (H.-S.) (Pyrrhocoridae):					
Ananas comosus (pineapple)	Mexico	1	-----	-----	Tex.
Railway car (with shrimp)	----do	1	-----	-----	Ariz.
Dyspessa ulula (Bkn.) (Cossidae):					
Allium sativum (garlic)	Italy, Spain, unknown.	6	-----	-----	N.Y., P.R.
Ectomyelois ceratoniae (Zell.) (Phycitidae):					
Acacia sp. (seed)	Brazil	-----	-----	1	N.Y.
Barringtonia sp. (seed pod)	Hawaii	1	-----	-----	Hawaii.
Cassia javanica (appleblossom senna)	----do	1	-----	-----	Hawaii.
Cassia sp. (seed pod)	----do	1	-----	-----	Hawaii.
Ceratonia siliqua (carob)	Italy	2	-----	-----	N.Y.
Citrus sinensis (sweet orange)	Spain, unknown	3	6	-----	N.Y., Pa.
Cydonia oblonga (quince)	Greece	1	-----	-----	N.Y.
Eriobotrya japonica (loquat)	Italy	1	-----	-----	N.Y.
Ficus carica (fig) dried	----do	2	-----	-----	N.Y.
Gossypium sp. (cotton; boll)	Hawaii	1	-----	-----	Hawaii.
Juglans sp. (walnut)	Italy	2	-----	-----	N.Y.
Prunus amygdalus (almond)	----do	4	-----	-----	Mich., N.Y.
Punica granatum (pomegranate)	Greece, Italy	6	-----	-----	N.Y.
Pyrus communis (pear)	Italy	1	-----	-----	N.Y.
Seed—unidentified	Unknown	-----	1	-----	Fla.
Empoasca kraemeri Ross & Moore (Cicadellidae):					
Airplane	Puerto Rico	-----	1	-----	P.R.
Endelomyia aethiops (F.) (Tenthredinidae):					
Rosa sp. (rose) cut flower	Denmark	1	-----	-----	N.Y.
Epinotia aporema (Wlsm.) (Olethreutidae):					
Phaseolus vulgaris ov. (string bean)	Chile, Colombia, Venezuela.	1	4	-----	Fla., Md., Tex.
Stores (with cabbage)	Peru	-----	1	-----	N.C.
Ericeia inangulata (Guen.) (Noctuidae):					
Airplane	Japan (?)	-----	1	-----	Hawaii.
Eriophyes canestrinii (Nal.) (Eriophyidae):					
Buxus sempervirens (boxwood) leaf	England	-----	3	-----	Wash.
Eriopyga fea (Druce) (Noctuidae):					
Orchid (plant)	Mexico	-----	-----	1	Tex.
Erythrothrips durango Watson (Aeolothripidae):					
Yucca sp. (flower)	----do	1	-----	-----	Tex.
Ethelema sobrina Sharp (Colydiidae):					
Ananas comosus (pineapple)	----do	2	-----	-----	Tex.
Eucalendra setulosa (Gyll.) (Curculionidae):					
Bamboo (pole)	Ecuador	1	-----	-----	Calif. *
Eucalymnatus tessellatus (Sign.) (Coccidae):					
Gardenia sp.	Unknown	1	-----	-----	Hawaii.
Euetheola humilis (Burm.) (Scarabaeidae):					
Airplane	Brazil	1	-----	-----	N.Y.
Euleia heraclei (L.) (Tephritidae):					
Apium graveolens var. *dulce* (celery)	France	-----	1	-----	N.Y.
Euleia heraclei (L.) (?) (Tephritidae):					
Apium graveolens var. *dulce* (celery)	England, Italy	-----	2	-----	N.Y.
Petroselinum crispum (parsley)	Belgium	-----	1	-----	N.Y.
Eumaeus debora (Hbn.) (Lycaenidae):					
Cycadaceae (leaf)	Mexico	1	-----	-----	Tex.
Eupelix cuspidata (Fab.) (Cicadellidae):					
Brassica oleracea var. *capitata* (cabbage)	Italy	-----	1	-----	N.Y.
Euphyllura olivina (Costa) (Psyllidae):					
Cutting—unidentified	Greece	-----	-----	1	Ill.
Euproctis similis (Fuessly) (Lymantriidae)					
Crataegus sp. (hawthorn)	Japan	-----	-----	1	Hawaii.
Eurytoma amygdali Enderl. (Eurytomidae):					
Prunus amygdalus (almond)	Jordan	1	-----	-----	Md.
Eurytoma orchidearum (Westw.) (Eurytomidae):					
Cattleya sp. (orchid)	Brazil, Colombia	-----	-----	2	Fla.
Vanda sp. (orchid)	Ceylon	-----	-----	1	N.Y.
Eusceptes postfasciatus (Fairm.) (Curculionidae):					
Ipomoea batatas (sweetpotato)	Brazil, British Guiana, Jamaica, Panama, Puerto Rico, Tortola, Trinidad.	3	5	-----	Ala., Am. V.I., Calif.,* La., N.Y., Pa.
Mail (with ti cutting)	Hawaii	-----	-----	1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Euxesta eluta Loew (Otitidae):					
Airplane	Puerto Rico, unknown, West Indies (island(?)).	-----	3	-----	Fla., P.R.
Everes comyntas (Godt.) (Lycaenidae):					
Phaseolus vulgaris cv. (string bean)	Mexico	1	-----	-----	Tex.
Evergestis forficalis (L.) (Pyraustidae):					
Brassica oleracea var. *botrytis* (cauliflower)	France	-----	1	-----	N.Y.
B. oleracea var. *capitata* (cabbage)	Belgium, France, Netherlands.	-----	4	-----	Ala., La., N.Y., P.R.
Exptochiomera formosa (Dist.) (Lygaeidae):					
Acacia sp	Mexico	-----	-----	1	Tex.
Figulus foveicollis Boisd. (Lucaniidae):					
Samanea saman (raintree saman) log	Fiji	1	-----	-----	Hawaii.
Forficula aetolica Brunn. (Forficulidae):					
Straw (packing material)	Israel	1	-----	-----	N.Y.
Forficula decipiens Géné (Forficulidae):					
Capsicum annuum (pepper) dried	Italy	1	-----	-----	N.Y.
Forficula pubescens Géné (Forficulidae):					
Pinus sp. (cone)	Germany	1	-----	-----	Md.
Frankliniella formosae Mlt. (Thripidae):					
Chrysanthemum morifolium	Japan	2	2	-----	Hawaii, Wash.
Dianthus caryophyllus (carnation)	do	1	1	-----	Hawaii.
Flowers	do	-----	1	-----	Hawaii.
Rosa sp	do	-----	1	-----	Hawaii
Frankliniella intonsa (Tryb.) (Thripidae):					
Aster sp. (cut flower)	Europe (country(?))	-----	1	-----	N.Y.
Calluna vulgaris (heather)	Germany	3	-----	-----	N.Y., Wash.
Dahlia sp. (cut flower)	England	1	-----	-----	N.Y.
Dianthus caryophyllus (carnation)	England, Europe (country(?)), Germany, Hungry, Italy, Poland.	7	3	-----	N.Y., Wash.
Flowers	England, Germany, Sweden.	2	1	-----	N.J., N.Y., Wash.
Fragaria sp. (strawberry) plant	Switzerland	-----	-----	1	N.Y.
Gladiolus sp. (cut flower)	Gerany, Italy, Poland.	2	1	-----	Ill., N.Y.
Rosa sp. (cut flower)	Belgium, Czechoslovakia, England, Finland, France, Germany, Hungry, Italy, Poland, Switzerland, unknown.	28	2	-----	Ill., Mass., Mich., N.Y.
Frankliniella schultzei (Tryb.) (Thripidae):					
Chrysanthemum sp. (cut flower)	Africa (country(?)), Australia.	-----	3	-----	Hawaii, N.Y.
Rosa sp. (cut flower)	Australia	-----	1	-----	Hawaii.
Frankliniella sulphurea Schmutz (Thripidae):					
Capsicum annuum (pepper)	Dominican Republic	1	-----	-----	P.R.
Zinnia sp. (cut flower)	Unknown	-----	1	-----	N.Y.
Frankliniella tenuicornis (Uzel) (Thripidae):					
Gladiolus sp. (cut flower)	Israel	1	-----	-----	N.Y.
Fulvius anthocorides Stal (Miridae):					
Orchid (plant)	Guatemala	-----	-----	1	Fla.
Fundella pellucens (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Barbados	3	-----	-----	N.Y.
Phaseolus vulgaris cv. (string bean)	Aruba, Panama	1	1	-----	Calif.,* Pa.
Vigna sesquipedalis (yardlong cowpea)	Surinam	1	-----	-----	N.Y.
V. sinensis (common cowpea)	British Guiana	1	-----	-----	Fla.
Furcaspis oceanica Ldgr. (Coccidae):					
Cocos nucifera (coconut)	Eniwetok, Kwajalein	3	1	-----	Hawaii, Wash.
Galgupha punctifer McA. & Mall. (Pentatomidae):					
Bromeliad	Mexico	-----	-----	1	Ariz.
Gastrimargus brevipes Sjost. (Acrididae):					
Cargo (as food for live shrew)	Kenya	1	-----	-----	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Gelechia ericetella (Hbn.) (Gelechiidae):					
Calluna vulgaris (heather)	Denmark, England, Germany, Ireland, Norway, Scotland, Switzerland.	17	-----	-----	N.Y.
Genaparlatoria pseudaspidiotus (Ldgr.) (Coccidae):					
Vanda sp. (orchid) plant	Indonesia	-----	-----	1	Hawaii.
Geniates panamensis Arrow (Scarabaeidae):					
Airplane	Panama, unknown	-----	3	-----	Fla.
Geocoris thoracicus (F.) (Lygaeidae):					
Airplane	Puerto Rico	-----	1	-----	P.R.
Geomyza tripunctata Fall. (Opomyzidae):					
Lactuca sativa (lettuce)	France	-----	1	-----	N.Y.
Geotomus pygmaeus (Dallas) (Cydnidae):					
Soil	American Samoa	1	-----	-----	Hawaii.
Swietenia mahagoni (mahogany)	Japan	1	-----	-----	Hawaii.
Giraudiella inclusa (Frauenfeld) (Cecidomyiidae):					
Phragmites sp. (reed) mat	Austria	1	-----	-----	Ill.
Gnorimoschema gudmannella (Wlsm.) (Gelechiidae):					
Capsicum annuum (pepper)	Colombia, Guatemala, Mexico.	3	-----	-----	Fla., Tex.
C. annuum var. *longum* (chili pepper)	British Honduras, Mexico.	3	-----	-----	Fla., Tex.
Gnorimoschema ocellatella (Boyd) (Gelechiidae):					
Beta vulgaris (beet)	Italy, United Arab Republic.	-----	3	-----	N.Y., Tex.
Stores (with string bean)	Italy	-----	1	-----	N.Y.
Gnorimoschema plaesiosema (Turn.) (Gelechiidae):					
Solanum tuberosum (potato)	Chile	-----	1	-----	La.
Gortyna flavago (Schiff.) (Noctuidae):					
Cynara scolymus (artichoke)	France	-----	2	-----	N.Y.
Gracilaria azaleella Brants (Gracilariidae):					
Rhododendron sp. (azalea) leaf	England, France	-----	-----	2	N.J.
Graptostethus manillensis (Stal) (Lygaeidae):					
Operculina tuberosa (wood-rose)	Hawaii	1	-----	-----	Hawaii.
Vanda sp. (orchid)	do	1	-----	-----	Hawaii.
Gryllotalpa africana P. de B. (Gryllotalpidae):					
Cargo (aircraft parts)	Japan	1	-----	-----	Hawaii.
Gryllus bimaculatus De Geer (Gryllidae):					
Airplane	Morocco	-----	7	-----	Fla., Ga.
Baggage	do	1	-----	-----	Ga.
Haplothrips aculeatus (F.) (Phlaeothripidae):					
Nursery stock	Netherlands	-----	-----	3	N.J.
Ornithogalum sp. (star-of-Bethlehem)	Germany	1	-----	-----	N.Y.
Triticum aestivum (wheat) straw	Poland	1	-----	-----	N.Y.
Haplothrips clarisetis Priesner(?) (Phlaeothripidae):					
Mesembryanthemum sp.	Mexico	-----	-----	2	Calif.
Petroselinum crispum (parsley)	do	1	-----	-----	Calif.
Haplothrips cottei (Vuillet) (Phlaeothripidae):					
Dianthus caryophyllus (carnation)	Cyprus	1	-----	-----	N.Y.
Haplothrips gowdeyi (Frankl.) (Phlaeothripidae):					
Antirrhinum majus (snapdragon)	Haiti	2	-----	-----	P.R.
Celosia argentea var. *cristata* (common feather cockscomb) seed head.	Jamaica	-----	-----	1	N.Y.
Chrysanthemum sp. (cut flower)	Australia	-----	2	-----	Hawaii.
Dahlia sp.	do	-----	1	-----	Hawaii.
Dianthus caryophyllus (carnation)	Japan	1	-----	-----	Hawaii.
Flowers	Haiti	11	-----	-----	P.R.
Herb	Puerto Rico	1	-----	-----	P.R.
Protea sp.	Republic of South Africa.	1	-----	-----	N.Y.
Haplothrips tritici (Kurdj.) (Phlaeothripidae):					
Triticum aestivum (wheat) stem	Union of Soviet Socialist Republics.	1	-----	-----	N.Y.
Helicella arigonis (Rossmassler) (Helicellidae):					
Stores	Spain	-----	1	-----	S.C.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Helicella candidula (Studer) (Helicellidae):					
Brassica oleracea var. *botrytis* (cauliflower)	Netherlands		1		La.
Mirabilis jalapa 'Marvel-of-Peru' (four-o'clock) seed.	do			1	Pa.
Mirabilis sp. (seed)	Denmark			1	Pa.
Helicella caperata (Montagu) (Helicellidae):					
Military cargo (conex box)	England, France	4			La.
Quercus suber (cork oak)	Spain	1			Ill.
Helicella conspurcata (Draparnaud) (Helicellidae):					
Military cargo	Morocco, Spain	2			N.Y., Va.
Helicella cretica (Fer.) (Helicellidae):					
Military cargo	Crete, Greece, Turkey	5			Del., N.Y.
Helicella derbentina (Andrz.) (Helicellidae):					
Military cargo	Turkey	4			Del., La., N.Y.
Helicella elegans (Gmelin) (Helicellidae):					
Mirabilis jalapa 'Marvel-of-Peru' (four-o'clock) seed.	Netherlands			1	Pa.
Helicella itala (L.) (Helicellidae):					
Military cargo (conex box)	Unknown	1			La.
Helicella littoralis (Mousson) (?) (Helicellidae):					
Military cargo	Greece	1			N.Y.
Helicella maritima (Draparnaud) (Helicellidae):					
Airplane	Spain		1		Fla.
Herb	Greece	1			N.J.
Military cargo	France, Greece, Morocco, Spain.	11			Del., La., Mass., N.Y., S.C., Va.
Helicella protea (Ziegler) (Helicellidae):					
Military cargo	Turkey, unknown	7			Del., N.Y., S.C., Va.
Helicella pyramidata (Draparnaud) (Helicellidae):					
Military cargo	Germany, Italy, Libya.	4			La., S.C., Va.
Residue (in cargo hold)	Unknown		1		Mich.
Soil with *Begonia* sp.	Italy			1	Mass.
Helicella trochoides (Poiret) (Helicellidae):					
Mirabilis jalapa 'Marvel-of-Peru' (four o'clock) seed.	Netherlands			1	Pa.
Helicella variabilis (Draparnaud) (Helicellidae):					
Automobile	France	1			La.
Brassica oleracea var. *capitata* (cabbage)	do		1		N.Y.
Cichorium intybus (chicory)	do		1		N.Y.
Lactuca sativa (lettuce)	Italy		1		N.Y.
Military cargo	France, Greece, Spain, Turkey.	6			La., N.Y., Va.
Muscari comosum (tassel grapehyacinth)	Italy		1		N.Y.
Quercus suber (cork oak)	Spain	1			Ill.
Helicella virgata (DaCosta) (Helicellidae):					
Allium porrum (leek)	do		1		Pa.
Stores	do		1		S.C.
Helicina conveza Pfeiffer (Helicinidae):					
Military cargo	Bermuda	1			S.C.
Helicina neritella Lamarck (Helicinidae):					
Orchid (plant)	Jamaica			1	Fla.
Helix aperta Born (Helicidae):					
Baggage	Italy	2			N.Y.
Military cargo	Azores, Italy	3			N.Y.
Stores	Italy		1		Va.
Helix aspersa Müller (Helicidae):					
Brassica oleracea var. *botrytis* (cauliflower)	France		1		N.Y.
Cargo (with crate of marble)	Portugal	1			Calif.*
Lactuca sativa (lettuce)	France		1		N.Y.
Mail	Haiti	1			Fla.
Military cargo	Australia, Azores, Crete, France, unknown.	15			La., N.Y., Pa., Va.
Mirabilis jalapa 'Marvel-of-Peru' (four o'clock) seed.	Netherlands			1	Pa.
Orchid (plant)	Mexico			1	Tex.
Stores	Spain		1		S.C.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

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Helix figulina (Parreyss) (Helicidae):					
Military cargo	Turkey	1			Del.
Helix pomatia L. (Helicidae):					
Baggage	Germany	1			Va.
Helluła undalis (F.) (Pyraustidae):					
Brassica rapa (turnip)	France, Senegal		2		Mass., Pa.
Heterobostrychus aequalis (Waterh.) (Bostrichidae):					
Wood (crate)	India, Pakistan, Philippines, Thailand, Vietnam.	5			Md., Mass., N.Y., Tex.
Heterobostrychus brunneus (Murray) (Bostrichidae):					
Wood (packing board)	Republic of the Congo, West Africa.	2			Md.
Heterotermes convexinotatus (Snyder) (Rhinotermitidae):					
Cargo (with carton of shirts)	Jamaica	1			Fla.
Wood (crate)	Colombia	1			Fla.
Holochlora japonica Brunn. (Tettigoniidae):					
Pittosporum sp.	Japan		1		Hawaii.
Homorocoryphus nitidulus (Scopoli) (Tettigoniidae):					
Cargo (with live chamelion)	Kenya	1			N.Y.
Homoegryllus japonicus (Haan) (Gryllidae):					
Soil	Hong Kong	1			Hawaii.
Hydroecia xanthenes (Germ.) (Noctuidae):					
Cynara scolymus (artichoke)	Algeria		1		N.Y.
Hylesia euphemia Dyar (Saturniidae):					
Solanum melongena (eggplant)	Mexico	1			Ariz.
Hylobius abietis (L.) (Curculionidae):					
Conifer (packing board)	Italy	1			Md.
Hymenia perspectalis (Hbn.) (Pyraustidae):					
Airplane	Unknown		1		Fla.
Hypomeces squamosus F. (Curculionidae):					
Airplane	Japan		1		Hawaii.
Incisitermes repandus (Hill) (Kalotermitidae):					
Samanea saman (raintree saman) log	Fiji	1			Hawaii.
Ips calligraphus (Germ.) (Scolytidae):					
Pinus sp. (bark on log)	Bahamas	1			Fla.
Iridomyrmex iniguus Mayr (Formicidae):					
Bromeliad (plant)	Guatemala			1	Fla.
Orchid (plant)	Guatemala, Mexico			6	Fla., N.Y., Tex.
Jadera pyrrholoma Stal (Coreidae):					
Rosa sp. (rose) cut	Haiti	1			N.Y.
Kalotermes flavicollis (Fabr.) (Kalotermitidae):					
Straw (liquor jacket)	Spain	1			N.Y.
Labia arcuata Scudd. (Labiidae):					
Chamaedorea oblongata (palm) leaf	Mexico	1			Tex.
Lamellaxis micra (Orbigny) (Achatinidae):					
Orchid (plant)	Honduras			1	Fla.
Lampides boeticus (L.) (Lycaenidae):					
Canavalia microcarpa (mauna loa) lei	Hawaii	3			Calif.,* Hawaii.
Phaseolus vulgaris cv. (string bean)	Italy	1			N.Y.
Pisum sp. (pea) pod	Japan		1		Hawaii.
Sesbania sp.	Hawaii	1			Hawaii.
Laspeyresia nigricana (Steph.) (Olethreutidae):					
Pisum sativum (garden pea)	Spain		1		Ala.
Laspeyresia splendana (Hbn.) (Olethreutidae):					
Baggage (with apple)	Portugal	1			N.Y.
Castanea sativa (European chestnut)	Austria, Azores, France, Greece, Italy, Portugal, Spain, unknown.	90			Ill., Mass., Mich., N.Y., P.R
Quercus suber (cork oak) seed	Italy			1	N.J.
Quercus sp. (acorn)	Switzerland	1			Fla.
Lema bilineata Germ. (Chrysomelidae):					
Excelsior (packing with melons)	Chile	1			N.Y.
Lepidosaphes conchiformis (Gmel.) (Coccidae):					
Diospyros kaki (kaki persimmon)	Japan	1			Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Lepidosaphes esakii Tak. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein	1			Hawaii.
Lepidosaphes philococcus (Ckll.) (Coccidae):					
Cactus (plant)	Mexico			1	Tex.
Lepidosaphes pini (Mask.) (Coccidae):					
Pinus sp. (plant)	Japan			1	Hawaii.
Lepidosaphes tokionis (Kuw.) (Coccidae):					
Codiaeum sp. (croton)	Hawaii	3		4	Calif.,* Hawaii.
Lepidosaphes tuberculata Mal. (Coccidae):					
Orchid (pseudobulb)	Australia			1	Wash.
Lepidosaphes tubulorum Ferris (Coccidae):					
Malus sylvestris (apple)	Netherlands(?)	1			Calif.*
Leucinodes orbonalis Guen. (Pyraustidae):					
Solanum melongena (eggplant)	Federation of Malaysia(?), Ghana, Senegal.	1	2		Hawaii, Mass., N.Y.
Ligyrocoris nitidicollis (Stal) (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Limax marginatus Müller (Limacidae):					
Bromeliad (plant)	Costa Rica, Guatemala, Jamaica.			3	Fla.
Cordyline terminalis (tl)	Hawaii	1			Hawaii.
Lactuca sativa (lettuce)	Italy		1		N.Y.
Orchid (plant)	Colombia			1	Fla.
Limothrips denticornis (Hal.) (Thripidae):					
Lactuca sativa (lettuce)	Europe (country(?))		1		N.Y.
Liocoris tripustulatus (F.) (Miridae):					
Rosaceae (leaf)	France		1		Ill.
Liodontomerus papaveris (Foerster) (Torymidae):					
Salvia sp. (sage) seed pod	Greece	1			N.Y.
Liogenys macropelma Bates (Scarabaeidae):					
Airplane	Panama, unknown		12		Fla., N.Y.
Liogenys quadridens (Fab.) (Scarabaeidae):					
Airplane	Panama		1		Fla.
Lobesia botrana (Schiff.) (Olethreutidae):					
Vitis sp. (grape)	Italy	1			N.Y.
Loxostege bifidalis (F.) (Pyraustidae):					
Portulaca oleracea (purslane)	Mexico	1			Tex.
Lyctus africanus Lesne (Lyctidae):					
Cargo (with household van)	Hong Kong	1			Md.
Glycyrrhiza glabra (licorice) root	Greece	1			Md.
Swietenia mahagoni (mahogany) dowell	Unknown	1			La.
Lyctus brunneus (Steph.) (Lyctidae):					
Wood	Australia, Nigeria	2			Md., N.Y
Lygaeus equestris (L.) (Lygaeidae):					
Airplane	Morocco		1		Fla.
Lygaeus pandurus (Scop.) (Lygaeidae):					
Airplane	do		1		Fla.
Lygaeus pulchellus F. (Lygaeidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
Bromeliad	do			1	Tex.
Orchid (plant)	Honduras			1	Fla.
Lygus lineolaris (Palis.) (Miridae):					
Plant material (Christmas greenery)	Mexico	1			Tex.
Lygus rugulipennis Poppius (Miridae):					
Arabis sp. (rockcress)	England			1	N.Y.
Macroglossum stellatarum (L.) (Sphingidae):					
Military cargo (conex box)	Spain	1			Mass.
Macrosiphum ibarae Mats. (?) (Aphidae):					
Rosa sp. (rose) cut	Unknown		1		Hawaii.
Mamestra brassicae (L.) (Noctuidae):					
Beta vulgaris var. *cicla* (Swiss chard)	Italy		1		N.Y.
Brassica oleracea var. *acephala* (kale)	Denmark	1			N.Y.
B. oleracea var. *botrytis* (cauliflower)	Denmark, France, Italy, Netherlands.		5		N.Y., Ohio.
B. oleracea var. *capitata* (cabbage)	Belgium, France, Italy, Netherlands.		14		Ala., La., N.Y.
Lactuca sativa (lettuce)	France, Spain		2		N.Y., P.R.
Quarters (with gladiolus flower)	Italy		1		N.Y.
Marasmia poegalis Bdv. (Pyraustidae):					
Airplane	Unknown		1		Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Maruca testulalis (Geyer) (Pyraustidae):					
Baggage (with coriander seed)	Dominican Republic	1			Fla.
Cajanus cajan (pigeonpea)	Dominican Republic, Panama, Puerto Rico.	6			N.Y., P.R., Tex.
Canavalia microcarpa (mauna loa) lei	Hawaii	4			Calif.,* Hawaii.
Phaseolus lunatus (lima bean)	Puerto Rico	1			P.R.
P. vulgaris cv. (string bean)	Japan, Puerto Rico, Senegal, Surinam.	4	5		Fla., La., N.Y., Tex. Wash.
Sesbania sp.	Hawaii	1			Hawaii.
Matsumuraeses phaseoli (Mats.) (Olethreutidae):					
Phaseolus vulgaris cv. (string bean)	Japan		4		Calif.,* Hawaii, Tex., Wash.
Megalogryllus molinai Chop. (Gryllidae):					
Cargo (in water with tropical fish)	Colombia	1			Fla.
Megaris laevicollis Stal (Pentatomidae):					
Plant material (packing for snakes)	Brazil	1			N.Y.
Megastigmus pistaciae Wlk. (Torymidae):					
Pistacia sp. (pistache) nut	Italy	2			N.Y.
Melanaspis squamae Ferris (Coccidae):					
Ceratozamia sp. (cycad) stem	Mexico			1	Calif.*
Melolontha melolontha (L.) (Scarabaeidae):					
Quarters (of airplane)	Switzerland		1		Ill.
Melormenis antillarum (Kirk.) (Flatidae):					
Plant material (leaves for tea)	Tortola	1			Am. V.I.
Meridyrias progenies (Guen.) (Noctuidae):					
Airplane	Dominican Republic		1		Fla.
Merodon equestris (F.) (Syrphidae):					
Narcissus viridiflorus (green autumn jonquil) bulb.	England			1	N.J.
Narcissus sp. (bulb)	England, Netherlands			3	N.J.
Tulipa sp. (tulip) bulb	Netherlands			1	N.J.
Mescinia peruella Schaus (Phycitidae):					
Gossypium sp. (cottonseed)	Peru	1			Fla.
Metamasius hemipterus hemipterus (L.) (Curculionidae):					
Bromeliad	Guatemala			1	Tex.
Musa X paradisiaca (plantain) leaf	Puerto Rico	1			P.R.
Musa sp. (baby banana)	do	1			P.R.
Metamasius hemipterus sericeus (Ol.) (Curculionidae):					
Ananas comosus (pineapple)	Equador	1			Fla.
Cargo (in hold of ship)	do		3		Fla.
Musa X paradisiaca (banana)	Costa Rica, Ecuador, Guatemala, Honduras.	36			Ala., Fla., La., N.Y., Tex.
Miccotrogus picirostris (F.) (Curculionidae):					
Plants—unidentified	Canada			2	Wash.
Micrapate labialis Lesne (Bostrichidae):					
Salix sp. (willow) crate	Mexico	1			Ariz.
Wood	do	1			Calif.
Micrapate mexicana Fisher(?) (Bostrichidae):					
Wood (stem)	do	1			Tex.
Milax gagates (Draparnaud) (Limacidae):					
Brassica oleracea var. *capitata* (cabbage)	Italy, Netherlands		2		N.Y.
Lactuca sativa (lettuce)	England, France		2		N.Y.
Orchid (plant)	Colombia			1	Fla.
Mimegralla coeruleifrons (Macq.) (Micropezidae)					
Zingiber officinale (ginger) root	Philippines	1			Hawaii.
Mimosestes dominicanus (Jek.) (Bruchidae):					
Seed—unidentified	Dominican Republic	1			Fla.
Minthea rugicollis (Wlk.) (Lyctidae):					
Plant material (unidentified)	Hong Kong(?), Macao	2			Hawaii.
Phragmites sp. (reed) dunnage	Africa (country(?))		1		Md.
Wood (packing boards)	Republic of the Congo, unknown.	2			Md.
Minthea squamigera Pascoe (Lyctidae):					
Cedrus sp. (cedar) bark	Colombia	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
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Miogryllus convolutus (Joh.)(Gryllidae):					
Cucumis melo var. *cantalupensis* (cantaloupe)	El Salvador	1			Fla.
Mniothripa lichenigera (Hampson)(Noctuidae):					
Airplane	Philippines		1		Hawaii.
Modocogryllus conspersus (Schaum)(Gryllidae):					
Baggage (in suitcase)	Hawaii	1			Hawaii.
Monacha cantiana (Montagu)(Helicellidae):					
Military cargo (conex box)	France	1			La.
Monacha carthusiana (Müller)(Helicellidae):					
Military cargo (conex box)	do	1			La.
Monacha olivieri (Fer.)(Helicellidae):					
Military cargo (conex box)	Greece, Turkey	3			N.Y.
Soil with plants	Greece			1	N.Y.
Monosteira unicostata Muls. & Rey (Tingidae):					
Prunus amygdalus (almond)	Greece	1			N.Y.
Morganella longispina (Morg.)(Coccidae):					
Citrus aurantifolia (lime)	Tahiti		2		Calif.,* Hawaii.
C. paradisi (grapefruit)	do	1	7		Calif.,* Hawaii.
Mormidea v-luteum (Licht.)(Pentatomidae):					
Plant material (packing for snakes)	Brazil	1			N.Y.
Morphacris fasciata (Thunb.)(Acrididae):					
Cargo (as food for live shrew)	Kenya	1			N.Y.
Mumetopia nigrimana Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
Myocolandra elongata (Roel.)(Curculionidae):					
Bamboo (cane with roses)	Japan	1			Hawaii.
Myrmecophila americana Sauss. (Gryllidae):					
Orchid (plant)	Guatemala			1	Fla.
Myzus ascalonicus Donc. (?)(Aphidae):					
Soil with *Begonia* sp. (plant)	France			1	N.J.
Nasutitermes chaquimayensis (Holmgr.)(Termitidae):					
Bletia sp. (orchid) bulb	Peru			1	Fla.
Nasutitermes corniger (Motsch.)(Termitidae):					
Dalbergia sp. (rosewood) log	Brazil	1			Mass.
Schomburgkia sp. (orchid) plant	British Honduras			1	Fla.
Wood (crate)	Venezuela		1		N.Y.
Nasutitermes ephratae (Holmgr.)(Termitidae):					
Epidendrum sp. (orchid) plant	Panama			1	Fla.
Orchid (plant)	British Honduras			1	Fla.
Nasutitermes nigriceps (Hald.)(Termitidae):					
Orchid (plant)	do			1	Fla.
Nasutitermes rippertii (Rambur)(Termitidae):					
Military cargo	Cuba	1			N.C.
Orchid (plant)	Bahamas			1	Fla.
Naupactus xanthographus (Germ.)(Curculionidae):					
Cucumis melo (melon)	Chile	2			N.Y.
C. melo 'Honeydew'	do	1			N.Y.
Neoleucinodes elegantalis (Guen.)(Pyraustidae):					
Lycopersicon esculentum (tomato)	Mexico	7			Tex.
Nephotettix apicalis (Motsch.)(Cicadellidae):					
Cargo	India	2			N.Y., Pa.
Stores	Unknown		1		Wash.
Neuroterus tricolor (Hartig)(Cynipidae):					
Quercus sp. (oak) leaf	Germany		1		Ill.
Nysius coenosulus Stal (Lygaeidae):					
Baggage	Hawaii	1			Hawaii.
Oligonychus perditus P. & B. (Tetranychidae):					
Juniperus sp. (juniper) dwarf plant	Japan			1	Hawaii.
Opeas pumilum (Pfeiffer)(Achatinidae):					
Piper sp. (black pepper)	Unknown		1		N.C.
Opeas pyrgula Schmacker & Boettger (Achatinidae):					
Platycerium sp. (staghorn fern)	Philippines			1	Calif.*
Opogona sacchari (Bojer)(Tineidae):					
Cymbopogon citratus (lemon-grass)	Portugal	1			N.Y.
Gladiolus sp. (corm)	Italy			3	N.Y.
Saccharum officinarum (sugarcane)	Portugal	1			N.Y.
Soil with *Begonia* sp. (plant)	Yugoslavia			1	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Orchidophilus aterrimus (Waterh.)(Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Cargo	do	1			Hawaii.
Dendrobium sp. (orchid)	do	1			Hawaii.
Epidendrum sp. (orchid)	do	1			Hawaii.
Flowers	do	6			Hawaii.
Holmskioldia sanguinea ("Chinese-hat plant")	do	1			Hawaii.
Lilium sp. (lily) bulb	do			1	Hawaii.
Orchid (cut flower)	do	4			Hawaii.
Vanda 'Miss Joachim' (orchid) cut flower	do	33			Hawaii.
Vanda sp. (cut flower)	do	8			Hawaii.
Ostrinia nubilalis (Hbn.)(Pyraustidae):					
Arctium lappa (burdock) stem	Japan		4		Calif.,* Hawaii.
Capsicum annuum var. *grossum* (bell pepper)	Italy, Japan, Sweden	1	8		Fla., Hawaii, Md., N.Y., Pa.
Malus sylvestris (apple)	Italy	1			N.Y.
Oryza sativa (rice)	Japan	1			Hawaii.
Prunus persica (peach)	Unknown		1		Fla.
Zea mays (corn) fresh corn and seed	Italy, Thailand		1	2	Hawaii, Ill.
Otala lactea (Müller)(Helicidae):					
Brassica oleracea var. *capitata* (cabbage)	Italy		1		N.Y.
Cargo (with cardboard carton)	Yugoslavia	1			Md.
Otala vermiculata (Müller)(Helicidae):					
Baggage	Italy	1			N.Y.
Brassica oleracea var. *capitata* (cabbage)	do		1		N.Y.
Lilium sp. (lily) cut flower	Bermuda	1			N.Y.
Military cargo	Crete, Greece, Turkey, unknown.	6			N.Y.
Otosema odorata (L.) (Noctuidae):					
Baggage	Mexico	1			Fla.
Ovatus crataegarius (Wlk.) (Aphidae):					
Mentha pulegium (pennyroyal mint) leaf	Australia			1	D.C.
M. spicata (spearmint)	Portugal	1			N.Y.
Mentha sp.	Italy, Mexico	3		2	Calif., Ill., Mass., Tex.
Oxyambulyx substrigilis (Westw.) (Sphingidae):					
Airplane	Philippines		1		Hawaii.
Oxycarenus hyalinipennis (Costa) (Lygaeidae):					
Gossypium sp. (cottonseed)	Pakistan	1			N.J.
Punica granatum (pomegranate)	Greece, Israel	2			N.Y.
Oxychilus alliarius (Müller) (Zonitidae):					
Bamboo	Hawaii	1			Calif.*
Cibotium sp. (fern) log	do			1	Calif.*
Soil	Ireland	1			Mass.
Oxycopis vittata (Fab.) (Oedemeridae):					
Airplane	Unknown		1		P.R.
Oxydema fusiforme Woll. (Curculionidae):					
Leucaena leucocephala (white popinac leadtree).	Hawaii	1			Hawaii.
Sterculia sp. (stem)	do	1			Hawaii.
Oxydema longulum (Boh.) (Curculionidae):					
Vanda densiflora (orchid) plant	Thailand			1	Hawaii.
Pachybrachius albocinctus Barber (Lygaeidae):					
Agave sisalana (sisal agave) baled	West Africa	1			La.
Palaeopus costicollis Mshl. (Curculionidae):					
Dioscorea sp. (yam)	Jamaica	2			Fla., N.Y.
Pallantia macula Dallas (Pentatomidae):					
Bromeliad	Brazil			1	Fla.
Paracosmia tolteca (Scudd.) (Forficulidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	do			1	Tex.
Parastichtis monoglypha (Hufn.) (Noctuidae):					
Baggage	Unknown	1			N.Y.
Parisoschoenus expositus (Champ.) (Curculionidae):					
Chamaedorea sp. (palm) stem	Mexico	1			Tex.
Parisoschoenus flavolimbatus Champ. (Curculionidae):					
Chamaedorea oblongata (palm) stem	do	1			Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Parlatoria cinerea Hadden (Coccidae):					
Citrus aurantifolia (lime)	Mexico		1		Calif.*
C. grandis (pummelo)	Tahiti		1		Hawaii.
C. limon (lemon)	Unknown		1		Wash.
C. paradisi (grapefruit)	Israel, Tahiti		3		Calif.*
C. reticulata (Mandarin orange)	Brazil, Mexico	1	1		Calif.*
C. sinensis (sweet orange)	Brazil, Israel, Mexico, Tahiti, unknown.	2	16		Calif.,* Wash.
Parlatoria citri McKenzie (Coccidae):					
Citrus aurantium (sour orange)	Vietnam	1			Hawaii.
C. reticulata (Mandarin orange)	Philippines	1			Hawaii.
C. sinensis (sweet orange)	Thailand	1			Hawaii.
Parlatoria zizyphus (Lucas) (Coccidae):					
Citrus aurantium (sour orange)	Vietnam	1			Hawaii.
C. limon (lemon)	Malta, unknown	1	1		Calif.*
C. mitis (calamondin orange)	Hong Kong, Philippines.	1	1		Hawaii.
C. paradisi (grapefruit)	Italy		1		N.Y.
C. paradisi × *C. reticulata* (tangelo)	Philippines		1		Hawaii.
C. reticulata (Mandarin orange)	Algeria, China, Formosa, Haiti, Hong Kong, Italy, Japan, Morocco, Okinawa, Philippines, unknown.	13	12		Calif.,* Hawaii, N.Y.
C. sinensis (sweet orange)	Greece, Hong Kong, India, Italy, Japan, Morocco, Okinawa, Spain, unknown, Vietnam.	10	11		Calif.,* Hawaii, N.Y., Wash.
Citrus sp.	Hong Kong, Wake Island(?).	1	1		Calif.,* Hawaii.
Fortunella japonica (kumquat)	Japan	1			Hawaii.
Parnara guttata (Bremer) (Hesperiidae):					
Airplane	do		1		Hawaii.
Parthenothrips dracaenae (Heeger) (Thripidae):					
Nothopanax sp. (false panax)	Norway		1		N.Y.
Pealius azaleae (B. & M.) (Aleyrodidae):					
Rhododendron sp. (azalea) leaf	England			1	N.Y.
Pectinophora gossypiella Saund. (Gelechiidae):					
Gossypium tomentosum (Hawaiian cotton) seed.	Hawaii			1	D.C.
Gossypium sp. (cotton; boll)	Grenada, Hawaii, Jamaica.	4			Bermuda, Hawaii, N.Y., P.R.
Gossypium sp. (cotton; lint)	Jamaica	1			Fla.
Gossypium sp. (cottonseed)	Dominican Republic, Haiti, Mexico, Pakistan, unknown, Venezuela.	18			Fla., Ga., La. N.J., N.Y., Tex.
Gossypium sp. (seed cotton)	Brazil, Mexico	2			Fla., Tex.
Hibiscus esculentus (okra)	Barbados, Brazil, Dominican Republic, Grenada, Liberia.	29	1		Fla., N.Y., Pa., P.R.
Pectinophora malvella (Hbn.) (Gelechiidae):					
Althaea rosea (hollyhock) seed	England			1	D.C.
Pentalonia nigronervosa Coq. (Aphidae):					
Aechmea bracteata	Hawaii	1			Hawaii.
Airplane	West Pacific		1		Hawaii.
Alpinia purpurata	American Samoa, Guam, Hawaii.	9	1		Hawaii.
Aquatic plant	Peru			1	Fla.
Hedychium coccineum (scarlet gingerlily)	Guatemala			1	Tex.
Zingiber officinale (ginger)	Hawaii	1			Calif.*
Pentamerismus oregonensis McG. (Tenuipalpidae):					
Bamboo	Japan	1			Hawaii.
Citrus sp. (tree)	do			1	Hawaii.
Juniperus sp. (leaf of plant)	do			1	Wash.
Pentodon punctatus (Villers) (Scarabaeidae):					
Ailanthus altissima (tree-of-heaven) seed	Italy			1	N.J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Periphyllus aceris (Koch) (Aphidae):					
Acer pseudoplatanus (European sycamore maple) leaf	France		1		Mass.
Perkinsiella saccharicida Kirk. (Delphacidae):					
Vanda 'Miss Joachim' (orchid) flower	Hawaii	1			Hawaii.
Pezicopia malnella (Hbn.) (Gelechiidae):					
Althaea rosea (hollyhock) seed pod	Poland			1	N.Y.
Phaeocatantops decoratus (Gerst.) (Acrididae):					
Food (for bird)	Mozambique	1			N.Y.
Phalonia zephyrana (Treit.) (Phaloniidae):					
Daucus carota var. *sativa* (carrot)	Italy		2		Pa.
Pheidole megacephala (F.) (Formicidae):					
Alpinia purpurata	Hawaii	3			Hawaii.
Ananas comosus (pineapple)	British Honduras, Hawaii, Nigeria, Philippines, Puerto Rico.	6			Fla., Hawaii, Mass., N.Y., P.R.
Brassavola nodosa (orchid) plant	British Honduras			1	Fla.
Clothing	Haiti	1			Fla.
Cocos nucifera (coconut)	Fiji	1			Calif.*
Cucumis sp. (leaf)	Dominican Republic	1			N.Y.
Dendrobium sp. (orchid) flower	Hawaii	1			Hawaii.
Flowers	do	1			Hawaii.
Gladiolus sp	Japan		1		Hawaii.
Herb	Dominican Republic	1			N.Y.
Ipomoea batatas (sweetpotato)	do	1			N.Y.
Ixora sp	Fiji	1			Hawaii.
Leptotes sp. (orchid)	St. Martin			1	P.R.
Mangifera indica (mango)	Hawaii	1			Hawaii.
Orchid	Australia, British Honduras, Honduras, Madagascar.			9	Calif.,* Fla., N.Y.
Persea americana (avocado)	Dominican Republic	1			N.Y.
Plumeria sp. (frangipani)	Hawaii			1	Calif.*
Zingiber officinale (ginger)	Canal Zone, Fiji	2			Fla., Hawaii.
Phelomerus aberrans (Sharp) (Bruchidae):					
Cassia leptophylla (seed)	Brazil			1	Fla.
Legume (dry pod)	Mexico	1			Tex.
Tamarindus indica (tamarind) pod	do	1			Ariz.
Phelypera distigma Boh. (Curculionidae):					
Orchid (plant)	do			1	Tex.
Phera centrolineata (Sign.) (Cicadellidae):					
Yucca sp	do			1	Tex.
Phlyctinus callosus Boh. (Curculionidae):					
Vitis sp. (grape)	Republic of South Africa.	12	1		Mass., N.Y.
Pholidoforus advena Zimmerman (Curculionidae):					
Mail	Hawaii	1			Hawaii.
Phytomyza rufipes Meig. (Agromyzidae):					
Brassica oleracea var. *botrytis* (cauliflower)	Belgium, England, France, Germany.		4		N.Y., Pa., Tex.
B. oleracea var. *capitata* (cabbage)	England		1		Md.
Cichorium endivia (endive)	Belgium	1			N.Y.
Raphanus sativus (radish)	Denmark, unknown		6		N.Y.
Pieris brassicae (L.) (Pieridae):					
Brassica oleracea var. *capitata* (cabbage)	France, Italy		2		Mich., N.Y.
Military cargo (with conex box)	Azores, Morocco	2			La.
Pinnaspis buxi (Bouché) (Coccidae):					
Cordyline terminalis (ti)	Hawaii	1			Hawaii.
Platoecticus symmicta Dyar (Psychidae):					
Musa X paradisiaca (banana)	Ecuador	1			La.
Platynota rostrana (Wlk.) (Tortricidae):					
Capsicum annuum (pepper)	Puerto Rico	1			P.R.
Dianthus caryophyllus (carnation) cut	Brazil		1		N.Y.
Plemeliella abietina Seitner (Cecidomyiidae):					
Picea abies (Norway spruce) seed	Denmark			1	N.J.
P. glauca (white spruce) seed	Austria, Denmark			3	N.J.
Polydesma umbricola Bsd. (Noctuidae):					
Airplane	Japan		1		Hawaii.
Mail (parcel)	Hawaii	1			Hawaii.
Polytus mellerborgii (Boh.) (Curculionidae):					
Musa sp. (banana) plant	do			1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Porphyrobaphe iostoma (Sowerby) (Bulimulidae):					
Musa X paradisiaca (banana)	Ecuador	2			Fla.
Praticolella berlandieriana (Moricand) (Polygyridae):					
Aechmea sp. (plant)	Mexico			1	Tex.
Prays fulvocanellus Wlsm. (Yponomeutidae):					
Pelea anisata (berry lei)	Hawaii	1			Hawaii.
Prays oleellus (F.) (Yponomeutidae):					
Olea europaea (olive)	Greece, Italy	3			N.Y.
Premnotrypes latithorax (Pierce) (Curculionidae):					
Solanum tuberosum (potato)	Bolivia	1			Fla.
Prepiella aurea (Btlr.) (Arctiidae):					
Musa X paradisiaca (banana)	Ecuador	2			Fla.
Prodecatoma philodendri Ferr. (Eurytomidae):					
Philodendron sp. (seed)	Brazil			2	Fla.
Prodenia litura (F.) (Noctuidae):					
Airplane	Unknown		1		Hawaii.
Beta vulgaris (beet)	Israel		1		N.Y.
Capsicum annuum (pepper)	do		1		N.Y.
Cargo	Philippines	1			Hawaii.
Protopulvinaria pyriformis (Ckll.) (Coccidae):					
Gardenia jasminoides (leaf)	El Salvador	1			Calif.*
Pseudacysta perseae (Heid.) (Tingidae):					
Persea sp. (leaf)	Mexico	1			Calif.
Pseudaonidia claviger Ckll. (Coccidae):					
Gardenia jasminoides (cut flower)	Hawaii	2			Hawaii.
Pseudischnaspis alienus (Newst.) (Coccidae):					
Orchid (plant)	British Honduras			1	Fla.
Pseudischnaspis bowreyi (Ckll.) (?) (Coccidae):					
Orchid (plant)	Mexico			1	Calif.*
Pseudischnaspis longissima (Ckll.) (Coccidae):					
Mangifera indica (mango)	Guatemala, Mexico	3	2		Calif.*
Pseudococcus gahani Green (Coccidae):					
Cucurbita pepo (pumpkin)	Brazil		1		Calif.*
Musa sp. (stem)	Hawaii		1		Calif.*
Pseudococcus lilacinus Ckll. (Coccidae):					
Achras zapota (sapodilla) stem	Philippines		1		Hawaii.
Tansium domesticum (langsat)	do	1			Hawaii.
Quisqualis indica (Rangoon creeper) fruit and stem.	do	1			Hawaii.
Pseudococcus nebrevipes (Beardsley) (Coccidae):					
Annona reticulata (custard-apple)	do	1			Hawaii.
Cactus (flower)	Hawaii			1	Hawaii.
Pseudococcus oceanicus Tak. (Coccidae):					
Cocos nucifera (coconut)	do	3			Hawaii.
Pseudococcus palmarum (Ehrh.) (Coccidae):					
Cocos nucifera (coconut) cap and leaf	do	2			Calif.*
Pseudopachymerus lallemanti (Mars.) (Bruchidae):					
Acacia sp. (seed)	Italy	1			N.Y.
Pseudoparlatoria serrulata Towns. & Ckll. (Coccidae):					
Orchid	Ecuador, Guatemala			4	Calif.*
Pseudothrips glaucus Bagnall (Thripidae):					
Protea sp	Republic of South Africa.	1			N.Y.
Pulvinaria psidii Mask. (Coccidae):					
Alpinia purpurata (cut flower)	Hawaii, Tahiti	28			Hawaii.
Gardenia jasminoides (cut flower)	Hawaii	46	1		Hawaii.
Zingiber officinale (ginger) cut flower	do	1			Calif.*
Pyropotosia pryeri (Jans.) (Scarabaeidae):					
Clothing	Unknown	1			Alaska.
Reticulitermes flavipes (Koll.) (Rhinotermitidae):					
Clothing	Mexico	1			Tex.
Dioon purpusii (Purpus dioon)	do			1	Tex.
Saccharum officinarum (sugarcane)	do	1			Tex.
Reticulitermes tibialis Banks (Rhinotermitidae):					
Tillandsia usneoides (treebeard)	do	1			Calif.
Retinella hammonis (Ström) (Zonitidae):					
Soil	Ireland	1			Mass.
Soil with *Betula* sp. (birch)	Italy			1	N.Y.
Soil with potted plants	Germany			1	N.J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nursery	Propagation	
Rhagoletis alternata (Fall.)(?) (Tephritidae):					
Rosa sp.	Czechoslovakia	1			N.Y.
Rhagoletis cerasi (L.) (Tephritidae):					
Prunus avium (Mazzard cherry)	Germany, unknown	1	1		Fla., Ill.
P. cerasus (sour cherry)	Europe (country(?)), Germany.	36	55		N.Y.
Prunus sp. (cherry)	Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, unknown.	53	40		Calif.,* Ill., Mass., Mich., N.J., N.Y., Pa., P.R.
Rhagoletis cerasi (L.)(?)(Tephritidae):					
Prunus sp. (cherry)	Turkey		1		N.Y.
Rhinostomus barbirostris (F.) (Curculionidae):					
Chamaedorea sp. (palm) leaf	Mexico	1			Tex.
Rhopalosiphoninus tulipaellus (Theob.) (Aphidae):					
Gladiolus sp. (corm)	Italy			1	Mich.
Rhopalosiphum rufiabdominalis (Sasaki)(?) (Aphidae):					
Rhododendron sp. (azalea)	Japan			1	Hawaii.
Rhynchophorus palmarum (L.) (Curculionidae):					
Cocos nucifera (coconut) tree	Mexico			1	Tex.
Quarters	Unknown		1		Fla.
Rumina decollata (L.) (Achatinidae):					
Military cargo	Morocco	1			N.Y.
Scantius forsteri (F.) (Pyrrhocoridae):					
Vitis sp. (grape)	Republic of South Africa.	1	1		N.Y.
Schneidereria pistaciella Weber (Gelechiidae):					
Pistacia sp. (pistache) green nut	Greece, Italy	2			N.Y.
Selenothrips rubrocinctus (Giard) (Thripidae):					
Coccoloba sp. (sea grape) leaf	Bermuda			1	N.Y.
Cocos nucifera (coconut) plant	Palmyra Island			1	Hawaii.
Codiaeum variegatum (variegated croton)	Hawaii	1			Hawaii.
Sennius probus (Shp.)(?)(Bruchidae):					
Cassia occidentalis (coffee senna)	Jamaica			1	D.C.
Sesamia cretica Led. (Noctuidae):					
Sorghum vulgare var. *technicum* (broomcorn)	Greece, Italy, Spain	3	2		Md., N.Y., Ohio.
Zea mays (corn) ear and husk	Italy, unknown	2		1	N.Y.
Sesamia nonagrioides (Lef.) (Noctuidae):					
Baggage (with *Castanea* sp. (chestnut))	Portugal, Spain	2			N.Y., P.R.
Sinoxylon anale Lesne (Bostrichidae):					
Cargo	India		1		Ala.
Swietenia mahagoni (mahogany) dowell	Unknown	1			La.
Wood (crate)	India, Pakistan	3			La., N.Y.
Sinoxylon conigerum Gerst. (Bostrichidae):					
Anthurium sp.	Hawaii	1			Hawaii.
Baggage	do	1			Hawaii.
Samanea sp. (lumber)	do	1			Hawaii.
Wood (crate)	Ceylon, India, Zanzibar.	3			Calif.,* Md., N.Y.
Siphanta acuta (Wlk.) (Flatidae):					
Flowers	Hawaii	2			Hawaii.
Sitamnes contractus Dist. (Lygaeidae):					
Bromeliad	Mexico			1	Tex.
Sitona cylindricollis Fahrs. (Curculionidae):					
Stores	Unknown		1		Mich.
Sitona hispidula (F.) (Curculionidae):					
Dunnage	do		3		Wis.
Nursery stock	Netherlands			1	N.J.
Quarters	Unknown		1		Mich.
Scabiosa graminifolia (grassleaf scabious)	England			1	Ill.
Sitona humeralis Steph. (Curculionidae):					
Apium graveolens var. *dulce* (celery)	Italy		1		N.Y.
Sitona lineata (L.) (Curculionidae):					
Ampelopsis sp. (plant)	Netherlands			1	N.J.
Dianthus caryophyllus (carnation)	do	1			N.Y.
Flour	Canada		1		Ohio.
Freesia sp. (cut flower)	Netherlands	1			N.Y.
Nursery stock	do			13	N.J.
Rhododendron sp.	do			1	N.J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Sogata orizicola Muir (Delphacidae):					
Airplane	Nicaragua		3		P.R.
Solaropsis monile (Broderip) (Camaenidae):					
Musa × *paradisiaca* (banana)	Ecuador	2			Fla., La.
Spanioneura fonscolombei Foerst. (Psyllidae):					
Flowers	England		2		Wash.
Spanogonicus albofasciatus (Reuter) (Miridae):					
Medicago sativa (alfalfa)	Mexico	1			Tex.
Sphenarches caffer (Zell.) (Pterophoridae):					
Cajanus cajan (pigeonpea)	Dominican Republic, Puerto Rico.	3			N.Y., P.R.
Dolichos lablab (hyacinth bean)	Trinidad	1			N.Y.
Sphingonotus rubescens (Walk.) (Acrididae):					
Airplane	Morocco		1		Fla.
Spodoptera mauritia acronyctoides (Guen.) (Noctuidae):					
Airplane	China, Guam, Okinawa(?), West Pacific, unknown.		6		Hawaii.
Spodoptera pecten Guen. (Noctuidae):					
Airplane	Japan, unknown		6		Hawaii.
Stator limbatus (Horn) (Bruchidae):					
Airplane	Hawaii		1		Hawaii.
Enterolobium sp. (carpod tree) pod	do	1			Hawaii.
Leucaena leucocephala (white popinac leadtree) seed.	do	1			Hawaii.
Pithecellobium dulce (guamachil apes-earring)	Mexico	1			Ariz.
Pithecellobium sp. (seed)	Hawaii			1	Calif.*
Plant material (dry)	do	1			Hawaii.
Samanea saman (raintree saman)	do	2			Hawaii.
Stator pruininus (Horn) (Bruchidae):					
Seed—Unidentified	do	1			Hawaii.
Steneotarsonemus laticeps (Halb.) (Tarsonemidae):					
Narcissus sp. (bulb)	England, Ireland			141	N.J.
Stenoma catenifer Wlsm. (Stenomidae):					
Persea americana (avocado)	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, unknown, Venezuela.	38	4	2	Ala., Calif.,* Fla., La., N.Y., S.C., Tex.
P. americana var. *drymifolia* (Mexican avocado).	Mexico	1			Tex.
Stenoptilia stigmatodactyla Zell. (Pterophoridae):					
Gentiana sp. (gentian) cut flower	Switzerland	2			N.Y.
Stephanoderes hampei (Ferr.) (Scolytidae):					
Coffea arabica (Arabian coffee) berry	Brazil	1		1	N.Y.
Coffea sp	Formosa, Republic of Scuth Africa, unknown.	4			Hawaii, Mich., N.J., Va.
Sternochetus mangiferae (F.) (Curculionidae):					
Mangifera indica (mango)	Hawaii, India	55	1	5	Calif.,* Hawaii, N.Y.
Sterrha inquinata (Scop.) (Geometridae):					
Opuntia humifusa (pricklypear) flower	Italy	1			N.Y.
Subulina octona (Brug.) (Achatinidae):					
Mirabilis jalapa 'Marvel-of-Peru' (four-o'clock) seed.	Netherlands			1	Pa.
Orchid (plant)	Peru			1	Fla.
Suidasia medanensis Oud. (Acaridae):					
Gossypium sp. (cottonseed)	India			1	N.Y.
Pluchea odorata	Philippines	1			Hawaii.
Sybra alternans (Wied.) (Cerambycidae):					
Anthurium sp. (cut flower)	Hawaii	1			Hawaii.
Baggage	do	1			Hawaii.
Lycopodium cernuum (staghorn clubmoss)	do	1			Hawaii.
Plumeria rubra (Mexican frangipani)	do			1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Sylepta balteata (F.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
Syngamia florella (Cram.) (Pyraustidae):					
Airplane	Cuba		1		Fla.
Syntomis cyssea (Cr.) (Ctenuchidae):					
Debris	India		1		Va.
Taeniothrips atratus (Hal.) (Thripidae):					
Anemone sp. (cut flower)	England	1			N.Y.
Aster sp. (cut flower)	Europe (country(?)), Germany.	1	1		N.Y.
Bellis sp. (daisy) cut flower	Sweden(?)		1		N.Y.
Calluna vulgaris (heather) cut stems	England, Germany, Ireland, Norway, Scotland.	7			N.Y.
Centaurea cyanus (cornflower)	Belgium, England	2			Ill., N.Y.
Chrysanthemum sp. (cut flower)	England, Scotland	1	1		N.Y.
Crocus sp. (cut flower)	England	1			N.Y.
Dahlia sp. (cut flower)	Ireland, Netherlands, unknown.	2	1		N.Y.
Dianthus barbatus (sweetwilliam)	England	2			Mass., N.Y
D. caryophyllus (carnation)	Denmark, England, Europe (country (?)), Germany, Hungary, Ireland, Netherlands, Poland, Scotland, unknown, Yugoslavia.	29	10		Ill., Mass., N.J., N.Y., Pa., Wash.
Flowers	Denmark, England, Germany, Netherlands, unknown.	3	6		Calif.,* N.J., N.Y., Wash.
Gladiolus sp. (cut flower)	Ireland	1			N.Y.
Lathyrus odoratus (sweetpea) cut flower	Germany, Norway, unknown.	2	3		N.Y.
Lupinus sp. (lupine) cut flower	Unknown		1		N.Y.
Nursery stock	Netherlands			4	N.J.
Ornithogalum sp	do	1			N.Y.
Phlox sp. (cut flower)	England		1		N.Y.
Rosa sp. (cut flower)	Czechoslovakia, Denmark, England, Germany, Ireland, Poland, Sweden, unknown.	12	3		Ill., N.Y.
Soil with unidentified plants	Brazil			1	N.Y.
Taeniothrips dianthi Priesner (Thripidae):					
Dianthus caryophyllus (carnation) cut	Belgium, Europe (country(?)), Germany, Hungary, Poland.	5	4		Ill., N.Y.
Taeniothrips discolor (Karny) (Thripidae):					
Gerbera sp. (cut flower)	Israel	1			Ill.
Taeniothrips ericae (Hal.) (Thripidae):					
Calluna vulgaris (heather) cut stem and plant	England, Germany, Ireland, Norway, Poland, Scotland.	16	2		Ill., N.Y., Pa.
Rosa sp. (cut flower)	Hungary	1			N.Y.
Solanum tuberosum (potato)	England	1			Hawaii.
Taeniothrips eucharii (Whetzel) (Thripidae):					
Lycoris albiflora (bulb)	Japan			1	N.Y.
L. aurea (golden lycoris) bulb	do			3	N.Y.
L. radiata (shorttube lycoris) bulb	do			4	N.Y.
L. sanguinea (orange lycoris) bulb	do			1	N.Y.
L. squamigera (autumn lycoris) bulb	do			4	N.Y.
Lycoris sp. (bulb)	do			6	Calif.,* N.J., N.Y., N.C.
Narcissus sp. (bulb)	do			1	N.Y.
Taeniothrips hawaiiensis (Morg.) (Thripidae):					
Canavalia sp. (mauna loa) lei	Hawaii	1			Calif.,*
Gardenia jasminoides	do	10			Hawaii.
Vanda 'Miss Joachim' (orchid) flower	do	1			Hawaii.
Taeniothrips picipes (Zett.) (Thripidae):					
Dianthus caryophyllus (carnation) cut	Spain	1			N.Y.
Prosopis nigra (cut flower)	Argentina	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Talponia batesi Hein. (Olethreutidae):					
Annona cherimola (cherimoya)	Mexico	6		1	Tex.
A. muricata (soursop)	Dominican Republic		1		Pa.
Annona sp. (seed)	Mexico	2			Tex.
"*Targionia*" *hartii* (Ckll.) (Coccidae):					
Dioscorea alata (winged yam) root	Ghana			1	D.C.
Zingiber officinale (ginger)	Fiji, Japan	10			Calif.,* Hawaii.
Teleogryllus mitratus (Burm.) (Gryllidae):					
Airplane	Japan		1		Hawaii.
Mail (sack)	do	1			Hawaii.
Teleonemia prolixa Stal (Tingidae):					
Chrysanthemum sp. (cut flower)	Mexico	1			Ariz.
Tenthecoris exitiosus (Dist.) (Miridae):					
Orchid (plant)	Brazil			1	Fla.
Tephritis conura Loew (Tephritidae):					
Cirsium sp. (thistle) flower head	Sweden			1	Va.
Tetranychus cinnabarinus (Bois.) (Tetranychidae):					
Dianthus caryophyllus (carnation) cut	Mexico	1			Tex.
Fragaria sp. (strawberry) plant	do			1	Calif.
Tetranychus viennensis Zacher (Tetranychidae):					
Malus sylvestris (apple)	Hungary, Japan	2			Hawaii, Tex.
Theba pisana (Müller) (Helicidae):					
Airplane	Spain		1		Fla.
Allium porrum (leek)	Portugal		1		N.Y.
Automobile	France, Libya	3			Ohio, S.C.
Citrus sinensis (sweet orange)	Morocco	1			Va.
Crate	Portugal, Spain	2			Calif.,* Del.
Flowers	France	1			Ill.
Lactuca sativa (lettuce)	France, Italy, Morocco.		4		N.Y.
Lilium candidum (Madonna lily)	Unknown	1			N.Y.
Military cargo	Azores, Crete, Italy, Libya, Morocco, Spain, unknown.	39			La., Mass., N.Y., N.C., S.C., Va.
Mirabilis jalapa (four-o'clock) seed	France, Netherlands			2	Pa.
Plant material (dry)	France	1			Calif.*
Protea sp. (cut flower)	Republic of South Africa.	1			N.Y.
Quercus suber (cork oak)	Spain	1			Ill.
Stores	do		1		S.C.
Thrips angusticeps Uzel (Thripidae):					
Chrysanthemum sp. (cut flower)	England		1		N.Y.
Citrus sp. (plant)	Italy			1	N.Y.
Cynara scolymus (artichoke)	do	1			N.Y.
Flowers	Greece		1		N.Y.
Lactuca sativa (lettuce)	England, Europe (country(?)), France, Italy, unknown.		9		Mass., N.Y.
Matthiola sp. (stock) cut flower	Greece	1			N.Y.
Rosmarinus officinalis (rosemary)	Italy			1	Mass.
Soil with plants	do			2	Mass.
Thrips flavus Schrank (Thripidae):					
Anemone sp. (cut flower)	France	1			N.Y.
Antirrhinum majus (snapdragon) cut	England, Ireland	2			N.Y.
Aster sp. (cut flower)	Germany	1			N.Y.
Calluna vulgaris (heather)	Germany, Iceland, Ireland, Norway, Scotland.	5	1	1	N.Y.
Chrysanthemum sp. (cut flower)	England, Scotland, unknown.	3	7		N.Y.
Convallaria majalis (lily-of-the-valley) cut flower.	England	1			N.Y.
Cynara scolymus (artichoke)	do	1			N.Y.
Dahlia sp. (cut flower)	England, Scotland, unknown.	2	1		N.Y.
Dianthus barbatus (sweetwilliam) cut	Switzerland		1		N.Y.
D. caryophyllus (carnation)	Europe (country(?)), Ireland, Poland.	3	1		N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Thrips flavus Schrank—Continued					
Flowers	Denmark, England, Germany, unknown.	1	10		Calif.,* N.J., Pa., Wash.
Fragaria sp. (strawberry) plant	Switzerland			1	N.Y.
Gladiolus sp. (cut flower)	England, Germany, Poland.	3			N.Y.
Lathyrus odoratus (sweetpea) cut	Scotland	1			N.Y.
Lupinus sp. (lupine) cut flower	Unknown		1		N.Y.
Nursery stock	Netherlands			3	N.J.
Rosa sp. (cut flower and plant)	Czechoslovakia, Denmark, England, Finland, Germany, Ireland, Israel, Poland, Switzerland, unknown.	18	3	1	Ill., Mass., N.Y.
Zinnia sp. (cut flower)	England	1			Pa.
Thrips imaginis Bagnall (Thripidae):					
Hyacinthus sp. (cut flower)	Australia		1		Hawaii.
Rosa sp. (cut flower)	do	1			Hawaii.
Thrips major Uzel (Thripidae):					
Bellis sp. (daisy) cut flower	Iceland		1		N.Y.
Calluna vulgaris (heather)	Germany	2			N.Y., Wash.
Dianthus caryophyllus (carnation)	Finland, Germany, Greece, Sweden.	3	1		Ill., N.Y.
Flowers	England, Ireland	1	2		N.Y., Wash.
Gentiana sp. (gentian) cut flower	Denmark	1			N.Y.
Rosa sp.	Denmark, England, Finland, Germany, Ireland, Israel, unknown.	12	3		Ill., N.Y., Wash.
Thrips nigropilosus Uzel (Thripidae):					
Chrysanthemum sp. (cut flower)	Japan	1			Hawaii.
Thrips pillichi Priesner (Thripidae):					
Chrysanthemum sp. (cut flower)	England, unknown		3		N.Y.
Dahlia sp. (cut flower)	England	1			N.Y.
Flowers	England, unknown	1	7		Pa., Wash.
Petroselinum crispum (parsley)	England		1		Wash.
Tipula paludosa Mg. (Tipulidae):					
Arabis sp. (rockcress) plant	do			1	N.Y.
Tipula scripta Mg. (Tipulidae):					
Airplane	Germany		1		N.J.
Tortrix excessana (Wlk.) (Tortricidae):					
Malus sylvestris (apple)	New Zealand	1			Hawaii.
Treherniella tibouchinae (Moulton) (Phlaeothripidae):					
Schizolobium parahybum (seed)	Brazil			1	D.C.
Trialeurodes similis Rsl. (Aleyrodidae):					
Citrus sp. (leaf)	Mexico	3			Calif., Tex.
Trialeurodes vitrinellus Ckll. (Aleyrodidae):					
Citrus sp. (leaf)	do	1			Tex.
Trichia hispida (L.) (Helicellidae):					
Soil	Ireland	1			Mass.
Trigonophora meticulosa (L.) (Noctuidae):					
Packing material (with *Aconitum* sp.)	Netherlands			1	N.Y.
Trochuda raspa (Druce)(?) (Dioptidae):					
Orchid (plant)	Mexico			1	Tex.
Trogoderma granarium Everts (Dermestidae):					
Acacia senegal (gum arabic)	Sudan	59			N.Y.
Acacia sp. (talha gum)	do	1			N.Y.
Apium graveolens var. *dulce* (celery) seed	India	2			N.Y.
Astragalus gummifer (gum tragacanth)	Iran	2			N.Y.
Bagging (including new burlap, used burlap and jute bagging, and wrappers on bales of raw cotton, bales of rubber, black pepper, celery seed, coir yarn, cotton waste, guar gum, gum arabic, gum tragacanth, mangrove bark, monkey food, myrobalan, rice, and tamarind seed powder).	Ceylon, Germany, India, Netherlands Pakistan, Sudan.	26	1		Ga., Ill., Md., N.Y., N.C., Pa., S.C., Tex.
Ballast	India		1		Minn.
Caesalpinia coriaria (divi-divi) pod	Unknown	1			Md.
Cajanus cajan (pigeonpea)	India, Kenya(?), unknown.		4		N.C., Pa., Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Trogoderma granarium Everts—Continued					
Cargo (in hold of ship and with cotton cloth, crates of glass, and wall board).	France, Germany, India, Iran, Pakistan, unknown.	9	22	-----	Ill., Md., Mich., N.C. Ohio, Pa., S.C., Tex.
Cicer arietinum (chickpea)	India	1	-----	-----	N.Y.
Cinnamomum sp. (cinnamon)	Seychelles	1	-----	-----	N.Y.
Coriandrum sativum (coriander) seed	India	-----	1	-----	Hawaii.
Cuminum cyminum (cumin) seed	Iran, Lebanon	3	-----	-----	N.Y.
Cyamopsis tetragonoloba (guar gum)	India, Pakistan, Sudan.	13	-----	-----	N.Y., N.C., S.C.
Debris	Formosa, India, Korea, unknown.	-----	8	-----	Calif.,* Ga., La., Md., Pa.
Foeniculum vulgare (fennel) seed	India	2	-----	-----	N.Y., Pa.
Glycine max (soybean)	Formosa, unknown	-----	2	-----	Wash.
Grain	India, unknown	-----	2	-----	Mich., N.Y.
Gum zedou	Iran	2	-----	-----	N.Y.
Myristica fragrans (nutmeg)	Ceylon	1	-----	-----	N.Y.
Oryza sativa (rice)	Federation of Malaysia, Hong Kong, India, Iran, Japan, Pakistan, Thailand, unknown.	2	16	-----	Ala., Calif.,* La., N.Y., N.C., S.C., Wash.
Phaseolus aureus (mung bean)	Formosa	-----	1	-----	Hawaii.
P. vulgaris cv. (string bean)	Netherlands	-----	1	-----	Tex.
Pistacia vera (common pistache) nut	India	1	-----	-----	Tex.
Pisum sativum (pea)	France, India, Netherlands.	-----	3	-----	Md., Tex.
Plantago ovata (psyllium) husk and seed	India	3	-----	-----	N.Y., Pa.
Pyrus sp. (seed)	Kuwait	1	-----	-----	N.Y.
Quarters (of ship)	Unknown	-----	1	-----	S.C.
Sterculia urens (gum karaya)	India	11	-----	-----	N.Y., Pa., Va.
Stores (on storeroom floor and shelves and in chickpea, coriander, pea, pigeonpea, rice, and sugar).	England, Germany, Hong Kong, India, Japan, Pakistan, unknown.	-----	15	-----	Ga., Hawaii, Md., N.C., Pa., S.C., Tex., Wash.
Tamarindus indica (tamarind) seed powder	India	3	-----	-----	Ga., Va.
Terminalia sp. (myrobalan)	do	2	-----	-----	N.Y., S.C.
Vicia faba (broadbean)	Unknown	-----	1	-----	Ill.
Trogoxylon aequale (Woll.)(Lyctidae):					
Automobile	Mexico	1	-----	-----	Calif.
Rhynchosia pyramidalis ("pego palo")	Haiti	1	-----	-----	Fla.
Wood (hardwood art carving)	American Virgin Islands.	1	-----	-----	N.Y.
Trogoxylon prostomoides (Gorh.)(Lyctidae):					
Bamboo (basket)	Mexico	1	-----	-----	Calif.
Wood (mask)	do	1	-----	-----	Calif.
Tylotropidius gracilipes Brancsik (Acrididae):					
Food (for bird)	Mozambique	1	-----	-----	N.Y.
Udea ferrugalis (Hbn.)(Pyraustidae):					
Apium graveolens var. *dulce* (celery)	Italy	-----	2	-----	N.Y.
Brassica oleracea var. *capitata*	do	-----	2	-----	N.Y.
Lactuca sativa (lettuce)	France, Italy	-----	2	-----	N.Y.
Lycopersicon esculentum (tomato)	Italy	-----	1	-----	N.Y.
Mentha sp. (mint) leaf	Portugal	1	-----	-----	N.Y.
Petroselinum crispum (parsley)	Greece	1	-----	-----	N.Y.
Ulopa hovana Lallemand (Cicadellidae):					
Orchid (plant)	Madagascar	-----	-----	1	N.Y.
Ulopa reticulata (F.)(Cicadellidae):					
Calluna vulgaris (heather)	Denmark, Germany	2	-----	-----	N.Y.
Unaspis citri (Comst.)(Coccidae):					
Citrus aurantifolia (lime)	Guatemala, Nicaragua, Panama.	1	2	-----	Calif.*
C. limon (lemon)	Brazil, Guatemala, Mexico.	2	2	-----	Calif.*
C. paradisi (grapefruit)	Panama	-----	2	-----	Calif.*
C. reticulata (Mandarin orange)	Brazil, Ecuador	-----	2	-----	Calif.*
C. sinensis (sweet orange)	Brazil, Japan, Mexico.	2	5	-----	Calif.*

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Unaspis yanonensis (Kuw.)(Coccidae):					
Citrus aurantifolia (lime)	Japan		2		Hawaii, Wash.
C. aurantium (sour orange)	do		12		Calif.,* Hawaii, Wash.
C. ichangensis × *C. reticulata* var. *austra* ("yuzu")	do		1		Calif.
C. limon (lemon)	Japan, unknown		18		Calif.,* Hawaii, N.Y., Oreg.
C. paradisi (grapefruit)	Japan	3	14		Calif.,* Hawaii.
C. paradisi × *C. reticulata* (tangelo)	do		7		Hawaii, N.Y.
C. reticulata (Mandarin orange)	Australia, China, Hong Kong, Japan, unknown.	48	168		Calif.,* Hawaii, N.Y., Oreg. Wash.
C. reticulata cv	Hong Kong, Japan	5	7		Hawaii.
C. sinensis (sweet orange)	Australia, China, Fiji, Japan, Philippines.	11	111		Calif.,* Hawaii, N.Y., Oreg., Wash.
Citrus sp	Japan	2	16		Calif.,* Hawaii.
Fortunella japonica (Marumi kumquat)	do		2		Hawaii.
Utetheisa pulchella (L.)(Arctiidae): Airplane	West Pacific		1		Hawaii.
Vilga dissimilis Dist. (Coreidae): Orchid (plant)	Canal Zone			1	Fla.
Vinsonic stellifera (Westw.)(Coccidae):					
Annona muricata (soursop) leaf	Dominican Republic	2			Fla.
Anthurium sp. (leaf)	Trinidad			1	Fla.
Aspasia epidendroides (orchid) leaf	Canal Zone			1	Fla.
Brassia caudata (orchid)	Panama			1	Fla.
Brassia sp. (leaf)	Canal Zone, Panama			2	Fla.
Bromeliad (leaf)	Jamaica			1	Fla.
Broughtonia sp. (orchid) leaf	Haiti, Jamaica			10	Fla.
Cattleya sp. (orchid) leaf	Trinidad			1	N.J.
Epidendrum fragrans (orchid) leaf	Canal Zone			1	Fla.
Epidendrum sp. (leaf)	Antigua, Dominica, unknown.			4	Fla.
Eugenia jambos (rose-apple) leaf	Jamaica	1			Fla.
Leaf—unidentified	Dominican Republic	1			Fla.
Lycaste sp. (orchid) leaf	Canal Zone			1	Fla.
Maxillaria sp. (orchid) leaf	Panama			1	Fla.
Notylia barkeri (orchid) leaf	do			1	Fla.
Oncidium sp. (orchid) leaf	British Honduras, French Guiana, Jamaica, Trinidad.			5	Fla.
Orchid (leaf)	Antigua, Bahamas, British Honduras, Canal Zone, El Salvador, Guatemala, Haiti, Jamaica, Panama, Puerto Rico, Trinidad, unknown.			41	Calif.,* Fla.
Palm (leaf)	Puerto Rico	1			Fla.
Stanhopea sp. (orchid) leaf	Canal Zone			2	Fla.
Xanthochroina bicolor (LeC.) (Oedemeridae): Debris	Mexico	1			Tex.
Xiphidiopsis lita Heb. (Tettigoniidae):					
Operculina tuberosa (wood-rose)	Hawaii	1			Hawaii.
Vanda 'Miss Joachim' (orchid)	do	1			Hawaii.
Xyloperthella crinitarsis (Imh.)(Bostrichidae): Wood (packing board)	Republic of the Congo.	3			Md.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Xyloperthella picea (Oliv.)(Bostrichidae):					
Wood (packing board)	Angola, Republic of the Congo, West Africa.	3			Md.
Xyloperthodes nitidipennis (Murray)(?)(Bostrichidae):					
Wood (packing board)	West Africa	1			Md.
Xylopsocus castanoptera (Fairm.)(Bostrichidae):					
Samanea saman (raintree saman) log	Fiji	1			Hawaii.
Xylothrips religiosus (Boisd.)(Bostrichidae):					
Anthurium sp.	Hawaii	1			Hawaii.
Wood (packing board)	Ceylon	1			Md.
Zamagiria dirolophella Dyar (Phycitidae):					
Achras zapota (sapodilla)	Honduras		1		Fla.
Zeadiatraea lineolata (Wlk.)(Crambidae):					
Airplane	Nicaragua		1		P.R.
Saccharum officinarum (sugarcane)	Bahamas	1			Fla.
Zea mays (corn)	Guatemala	1			Tex.

*(An asterisk indicates State inspection)

Hosts and Insects

ACACIA:
Acanthoscelides spinipes (Coleoptera)
Araecerus levipennis (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Erythrochiomera formosa (Hemiptera)
Pseudopachymerus lallemanti (Coleoptera)
Trogoderma granarium (Coleoptera)
ACER:
Periphyllus aceris (Homoptera)
ACHRAS:
Anastrepha ocresia (Diptera)
Pseudococcus lilacinus (Homoptera)
Zamagiria dixolophella (Lepidoptera)
ADENANTHERA:
Caryedon gonagra (Coleoptera)
AECHMEA:
Pentalonia nigronervosa (Homoptera)
Praticolella berlandieriana (Mollusca)
AGAVE:
Batrachedra linaria (Lepidoptera)
Pachybrachivs albocinctus (Hemiptera)
AILANTHUS:
Pentodon punctatus (Coleoptera)
ALEURITES:
Dacus dorsalis (?) (Diptera)
ALLIUM CEPA:
Aceria tulipae (Acarina)
Acrolepia assectella (Lepidoptera)
ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Helicella virgata (Mollusca)
Theba pisana (Mollusca)
ALLIUM SATIVUM:
Brachycerus albidentatus (Coleoptera)
B. algirus (Coleoptera)
Cochlicella barbara (Mollusca)
Dyspessa ulula (Lepidoptera)
ALPINIA:
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
ALTHAEA:
Pectinophora malvella (Lepidoptera)
Pexicopia malvella (Lepidoptera)
AMPELOPSIS:
Sitona lineata (Coleoptera)
ANANAS:
Araecerus levipennis (Coleoptera)
Arphnus melanotylus (Hemiptera)
Dysdercus obliguus (Hemiptera)
Ethelema sobrina (Coleoptera)
Ligyrocoris nitidicollis (Hemiptera)
Lygaeus pulchellus (Hemiptera)
Metamasius hemipterus sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
ANEMONE:
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
ANNONA:
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Pseudococcus neobrevipes (Homoptera)
Talponia batesi (Lepidoptera)
Vinsonia stellifera (Homoptera)
ANTHURIUM:
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Sinozylon conigerum (Coleoptera)
Sybra alternans (Coleoptera)
Vinsonia stellifera (Homoptera)
Xylothrips religiosus (Coleoptera)
ANTIRRHINUM:
Haplothrips gowdeyi (Thysanoptera)
Thrips flavus (Thysanoptera)
APIUM:
Euleia heraclei (Diptera)
Sitona humeralis (Coleoptera)
Trogoderma granarium (Coleoptera)
Udea ferrugalis (Lepidoptera)
ARABIS:
Lygus rugulipennis (Hemiptera)
Tipula paludosa (Diptera)
ARACHIS:
Caryedon gonagra (Coleoptera)
ARCTIUM:
Ostrinia nubilalis (Lepidoptera)
ARECA:
Aspidiotus palmae (Homoptera)
ASPASIA:
Vinsonia stellifera (Homoptera)
ASTER:
Frankliniella intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
ASTRAGALUS:
Bruchidius marginalis (Coleoptera)
Trogoderma granarium (Coleoptera)
AVERRHOA:
Dacus dorsalis (Diptera)
BAMBOO:
Asterolecanium bambusae (Homoptera)
Chlorophorus annularis (Coleoptera)
Eucalendra setulosa (Coleoptera)
Myocalandra elongata (Coleoptera)
Oxychilus alliarius (Mollusca)
Pentamerismus oregonensis (Acarina)
Trogoxylon prostomoides (Coleoptera)
BAMBUSA:
Asterolecanium bambusae (Homoptera)
BARRINGTONIA:
Ectomyelois ceratoniae (Lepidoptera)
BELLIS:
Taeniothrips atratus (Thysanoptera)
Thrips major (Thysanoptera)
BETA:
Gnorimoschema ocellatella (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Prodenia litura (Lepidoptera)
BETULA:
Aceria rudis (Acarina)
Argyroploce lacunana (Lepidoptera)
BILLBERGIA:
Aleuroplatus variegatus (Homoptera)
BIXA:
Acanthoscelides bixae (Coleoptera)
BLETIA:
Nasutitermes chaquimayensis (Isoptera)
BRASSAVOLA:
Pheidole megacephala (Hymenoptera)
BRASSIA:
Vinsonia stellifera (Homoptera)
BRASSICA OLERACEA VAR. ACEPHALA:
Mamestra brassicae (Lepidoptera)
BRASSICA OLERACEA VAR. BOTRYTIS:
Arianta arbustorum (Mollusca)
Bibio hortulanus (Diptera)
Evergestis forficalis (Lepidoptera)
Helicella candidula (Mollusca)
Helix aspersa (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
BRASSICA OLERACEA VAR. CAPITATA:
Cochlicella ventrosa (Mollusca)
Eupelix cuspidata (Homoptera)
Evergestis forficalis (Lepidoptera)
Helicella variabilis (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Udea ferrugalis (Lepidoptera)
BRASSICA RAPA:
Hellula undalis (Lepidoptera)
BROMELIAD:
Anechura vara (Dermaptera)
Arphnus melanotylus (Hemiptera)
Chrysomphalus personatus (Homoptera)
Conotelus mexicanus (Coleoptera)
Cylindrocopturus tetralobus(?) (Coleoptera)
Drymaeus hegewischi (Mollusca)
Galgupha punctifer (Hemiptera)
Iridomyrmex inigus (Hymenoptera)
Limax marginatus (Mollusca)
Lygaeus pulchellus (Hemiptera)
Metamasius hemipterus hemipterus (Coleoptera)
Pallantia macula (Hemiptera)
Paracosmia tolteca (Dermaptera)
Sisamnes contractus (Hemiptera)

Hosts and Insects—Continued

BROMELIAD—Continued
Vinsonia stellifera (Homoptera)
BROUGHTONIA:
Vinsonia stellifera (Homoptera)
BUXUS:
Eriophyes canestrinii (Acarina)
CACTUS:
Ceratitis capitata (Diptera)
Cryphula apicata (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Pseudococcus neobrevipes (Homoptera)
CAESALPINIA:
Trogoderma granarium (Coleoptera)
CAJANUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Caryedon gonagra (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)
CALLUNA:
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Ulopa reticulata (Homoptera)
CALOCARPUM:
Anastrepha ludens (Diptera)
CALOPHYLLUM:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
CAMELLIA:
Amatissa consorta (Lepidoptera)
CANAVALIA:
Cryptophlebia illepida (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
CAPSICUM:
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
D. dorsalis (Diptera)
Forficula decipiens (Dermaptera)
Frankliniella sulphurea (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Prodenia litura (Lepidoptera)
CARICA:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
CASSIA:
Aganactesis indecora (Lepidoptera)
Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Phelomerus aberrans (Coleoptera)
Sennius probus(?) (Coleoptera)
CASTANEA:
Bruchidius gilvus (Coleoptera)
Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)
CATTLEYA:
Eurytoma orchidearum (Hymenoptera)
Vinsonia stellifera (Homoptera)
CEDRUS:
Minthea squamigera (Coleoptera)
CELOSIA:
Haplothrips govdeyi (Thysanoptera)
CENTAUREA:
Taeniothrips atratus (Thysanoptera)
CERATONIA:
Ectomyelois ceratoniae (Lepidoptera)
CERATOZAMIA:
Melanaspis squamae (Homoptera)
CHAMAECYPARIS:
Brevipalpus obovatus (Acarina)
CHAMAEDOREA:
Aleuroplatus variegatus (Homoptera)
Asterolecanium epidendri (Homoptera)
Calyptocephala gerstaeckeri (Coleoptera)
Carystoides basochesii replana (Lepidoptera)
C. lebbaeus (Lepidoptera)
Coelonertus nigrirostris (Coleoptera)
Labia arcuata (Dermaptera)
Parisoschoenus expositus (Coleoptera)
P. flavolimbatus (Coleoptera)
Rhinostomus barbirostris (Coleoptera)
CHRYSANTHEMUM:
Bryobia ehari (Acarina)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. schultzei (Thysanoptera)
Haplothrips govdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Teleonemia proliza (Hemiptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. nigropilosus (Thysanoptera)
T. pillichi (Thysanoptera)
CIBOTIUM:
Ozychilus alliarius (Mollusca)
CICER:
Bruchus tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
CICHORIUM:
Helicella variabilis (Mollusca)
Phytomyza rufipes (Diptera)
CINNAMOMUM:
Trogoderma granarium (Coleoptera)
CIRSIUM:
Tephritis conura (Diptera)
CITRUS AURANTIFOLIA:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Brevipalpus obovatus (Acarina)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS AURANTIUM:
Aleurocanthus woglumi (Homoptera)
Parlatoria citri (Hompotera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS GRANDIS:
Parlatoria cinerea (Homoptera)
CITRUS I CHANGENSIS X C. RETICULATA VAR. AUSTRA:
Unaspis yanonensis (Homoptera)
CITRUS LIMON:
Aspidiotus putearis (Homoptera)
Brevipalpus chilensis (Acarina)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS MITIS:
Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
CITRUS PARADISI:
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS PARADISI X C. RETICULATA:
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
CITRUS RETICULATA:
Anastrepha ludens (Diptera)
Aspidiotus diffinis (Homoptera)
Ceratitis capitata (Diptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS RETICULATA CV.:
Unaspis yanonensis (Homoptera)
CITRUS SINENSIS:
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)

Hosts and Insects—Continued

CITRUS SINENSIS—Continued
Aspidiotus excisus (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Theba pisana (Mollusca)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
CITRUS SINENSIS VAR. SHAMUTI:
Ceratitis capitata (Diptera)
CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Aleuroparadoxus gardeniae (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Dialeurodes citrifolii (Homoptera)
Parlatoria zizyphus (Homoptera)
Pentamerismus oregonensis (Acarina)
Thrips angusticeps (Thysanoptera)
Trialeurodes similis (Homoptera)
T. vitrinellus (Homoptera)
Unaspis yanonensis (Homoptera)
COCCOLOBA:
Selenothrips rubrocinctus (Thysanoptera)
COCOS:
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes exakti (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudococcus oceanicus (Homoptera)
P. palmarum (Homoptera)
Rhynchophorus palmarum (Coleoptera)
Selenothrips rubrocinctus (Thysanoptera)
CODIAEUM:
Achaea janata (Lepidoptera)
Lepidosaphes tokionis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
COFFEA:
Aleurocanthus woglumi(?) (Homoptera)
Anastrepha fraterculus(?) (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)
COLA:
Ceratitis colae(?) (Diptera)
COLOCASIA:
Bradybaena similaris (Mollusca)
COLUBRINA:
Amblycerus reticulatus (Coleoptera)
CONVALLARIA:
Thrips flavus (Thysanoptera)
CORDYLINE:
Bradybaena similaris (Mollusca)
Limax marginatus (Mollusca)
Pinnaspis buxi (Homoptera)
CORIANDRUM:
Trogoderma granarium (Coleoptera)
CORYLUS:
Curculio nucum (Coleoptera)
CRASSULA:
Cerodontha denticornis (Diptera)
CRATAEGUS:
Aleurotuberculatus aucubae (Homoptera)
Euproctis similis (Lepidoptera)
CROCUS:
Taeniothrips atratus (Thysanoptera)
CUCUMIS:
Dacus cucurbitae (Diptera)
Miogryllus convolutus (Orthoptera)
Naupactus xanthographus (Coleoptera)
Pheidole megacephala (Hymenoptera)
CUCURBITA:
Pseudococcus gahani (Homoptera)
CUMINUM:
Trogoderma granarium (Coleoptera)
CYAMOPSIS:
Trogoderma granarium (Coleoptera)
CYCADACEAE:
Eumaeus debora (Lepidoptera)
CYCAS:
Ceroplastes ceriferus (Homoptera)
CYDONIA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
CYMBOPOGON:
Opogona sacchari (Lepidoptera)
CYNARA:
Anuraphis cardui (Homoptera)
Depressaria erinaceella (Lepidoptera)
Gortyna flavago (Lepidoptera)
Hydroecia xanthenes (Lepidoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
CYTISUS:
Bruchidius villosus (Coleoptera)
DAHLIA:
Frankliniella intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. pilichi (Thysanoptera)
DALBERGIA:
Nasutitermes corniger (Isoptera)
DAUCUS:
Cecilioides acicula (Mollusca)
Phalonia zephyrana (Lepidoptera)
DELPHINIUM:
Conotelus mexicanus (Coleoptera)
DENDROBIUM:
Aleurodicus trinidadensis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Pheidole megacephala (Hymenoptera)
DESMODIUM:
Bruchidius caerulius (Coleoptera)
DIANTHUS:
Aphidura pujoli (Homoptera)
Cacoecimorpha pronubana (Lepidoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips cottei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Platynota rostrana (Lepidoptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. picipes (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
DIGON:
Reticulitermes flavipes (Isoptera)
DIOSCOREA:
Palaeopus costicollis (Coleoptera)
"Targionia" hartii (Homoptera)
DIOSPYROS:
Brevipalpus obovatus (Acarina)
Ceratitis capitata (Diptera)
Lepidosaphes conchiformis (Homoptera)
DOLICHOS:
Sphenarches caffer (Lepidoptera)
ECHINODORUS:
Aleurodicus tridescens (Homoptera)
ENCEPHALARTOS:
Antliarhinus zamiae (Coleoptera)
ENTADA:
Araecerus cumingi (Colcoptera)
ENTEROLOBIUM:
Stator limbatus (Coleoptera)
EPIDENDRUM:
Nasutitermes ephratae (Isoptera)
Orchidophilus aterrimus (Coleoptera)
Vinsonia stellifera (Homoptera)
ERIOBOTRYA:
Ectomyelois ceratoniae (Lepidoptera)
EUGENIA:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

EUPHORBIA:
Aspidiotus capensis (tentative) (Homoptera)
EUPHORIA:
Cryptophlebia ombrodelta (Lepidoptera)
FICUS:
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
FOENICULUM:
Trogoderma granarium (Coleoptera)
FORTUNELLA:
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
FRAGARIA:
Frankliniella intonsa (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
FREESIA:
Sitona lineata (Coleoptera)
GARDENIA:
Aleuroparadoxus gardeniae (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudaonidia claviger (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
GENTIANA:
Stenoptilia stigmatodactyla (Lepidoptera)
Thrips major (Thysanoptera)
GERBERA:
Taeniothrips discolor (Thysanoptera)
GLADIOLUS:
Conotelus mexicanus (Coleoptera)
Frankliniella intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Rhopalosiphoninus tulipaellus (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
GLYCINE:
Trogoderma granarium (Coleoptera)
GLYCYRRHIZA:
Lyctus africanus (Coleoptera)
GOSSYPIUM:
Ectomyelois ceratoniae (Lepidoptera)
Mescinia peruella (Lepidoptera)
Ozycarenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Suidasia medanensis (Acarina)
GYMNOSTACHYUM:
Coccus viridis (Homoptera)
HEDERA:
Ceroplastes rubens (Homoptera)
HEDYCHIUM:
Pentalonia nigronervosa (Homoptera)
HEDYSARUM:
Bruchidius silvus (Coleoptera)
HIBISCUS:
Atrosternum heegeri (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
HOLMSKIOLDIA:
Orchidophilus aterrimus (Coleoptera)
HYACINTHUS:
Thrips imaginis (Thysanoptera)
IPOMOEA:
Cylas formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
C. puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Pheidole megacephala (Hymenoptera)
IXORA:
Chaetanaphothrips orchidii (Thysanoptera)
Pheidole megacephala (Hymenoptera)
JASMINUM:
Aleurotuberculatus jasmini (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
JUGLANS:
Ceratitis capitata(?) (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
JUNIPERUS:
Oligonychus perditus (Acarina)
Pentamerismus oregonensis (Acarina)
KHAYA:
Cordylomera spinicornis(?) (Coleoptera)
LABURNUM:
Bruchidius debilis (Coleoptera)
B. villosus (Coleoptera)
LACTUCA:
Arianta arbustorum (Mollusca)
Cochlicella ventrosa (Mollusca)
Dactynotus sonchi (Homoptera)
Geomyza tripunctata (Diptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limothrips denticornis (Thysanoptera)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
Udea ferrugalis (Lepidoptera)
LANTANA:
Pseudococcus lilacinus (Homoptera)
LATHYRUS:
Bruchus emarginatus (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
B. viciae (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
LENS:
Bruchidius incarnatus (Coleoptera)
B. meleagrinus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
B. ulicis (Coleoptera)
LEPTOTES:
Pheidole megacephala (Hymenoptera)
LEUCAENA:
Araecerus levipennis (Coleoptera)
Oxydema fusiforme (Coleoptera)
Stator limbatus (Coleoptera)
LILIUM:
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)
LITCHI:
Cryptophlebia ombrodelta (Lepidoptera)
LUPINUS:
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
LYCASTE:
Vinsonia stellifera (Homoptera)
LYCOPERSICON:
Ceratitis capitata(?) (Diptera)
Neoleucinodes elegantalis (Lepidoptera)
Udea ferrugalis (Lepidoptera)
LYCOPODIUM:
Sybra alternans (Coleoptera)
LYCORIS
Taeniothrips eucharii (Thysanoptera)
MACADAMIA:
Cryptophlebia illepida (Lepidoptera)
C. ombrodelta (Lepidoptera)
MALUS:
Anastrepha ludens (Diptera)
Austrotortrix postvittana(?) (Lepidoptera)
Blastodacna atra (Lepidoptera)
Carposina niponensis (Lepidoptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Lepidosaphes tubulorum (Homoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Tortrix excessana (Lepidoptera)
MAMMEA:
Anastrepha ludens (Diptera)
MANGIFERA:
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Pheidole megacephala (Hymenoptera)
Pseudischnaspis longissima (Homoptera)

Hosts and Insects—Continued

MANGIFERA—Continued
Sternochetus mangiferae (Coleoptera)
MATTHIOLA:
Thrips angusticeps (Thysanoptera)
MAXILLARIA:
Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)
MEDICAGO:
Conotelus mexicanus (Coleoptera)
Spanogonicus albofasciatus (Hemiptera)
MENTHA:
Ovatus crataegarius (Homoptera)
Udea ferrugalis (Lepidoptera)
MESEMBRYANTHEMUM:
Haplothrips clarisetis(?) (Thysanoptera)
METROSIDEROS:
Ceroplastes rubens (Homoptera)
MIRABILIS:
Cochlicella barbara (Mollusca)
Helicella candidula (Mollusca)
H. elegans (Mollusca)
H. trochoides (Mollusca)
Helix aspersa (Mollusca)
Subulina octona (Mollusca)
Theba pisana (Mollusca)
MOMORDICA:
Dacus cucurbitae (Diptera)
MUSA:
Aspidiotus destructor (Homoptera)
Cosmopolites sordidus (Coleoptera)
Metamasius hemipterus hemipterus (Coleoptera)
M. hemipterus sericeus (Coleoptera)
Platoeceticus symmicta (Lepidoptera)
Polytus mellerborgii Coleoptera)
Porphyrobaphe iostoma (Mollusca)
Prepiella aurea (Lepidoptera)
Pseudococcus gahani (Homoptera)
Solaropsis monile (Mollusca)
MUSCARI:
Helicella variabilis (Mollusca)
MYRISTICA:
Trogoderma granarium (Coleoptera)
NARCISSUS:
Merodon equestris (Diptera)
Steneotarsonemus laticeps (Acarina)
Taeniothrips eucharii (Thysanoptera)
NEOREGELIA:
Aspidiotus palmae (Homoptera)
NOTHOPANAX:
Parthenothrips dracaenae (Thysanoptera)
NOTYLIA:
Vinsonia stellifera (Homoptera)
OLEA:
Aleurolobus olivinus (Homoptera)
Dacus oleae (Diptera)
Prays oleellus (Lepidoptera)
ONCIDIUM:
Vinsonia stellifera (Homoptera)
OPERCULINA:
Graptostethus manillensis (Hemiptera)
Xiphidiopsis lita (Orthoptera)
OPUNTIA:
Ceratitis capitata (Diptera)
Sterrha inquinata (Lepidoptera)
ORCHID:
Adoretus sinicus (Coleoptera)
Anthonomus albolineatus (Coleoptera)
Arphnus melanotylus (Hemiptera)
Aspidiotus palmae (Homoptera)
Bradybaena similaris (Mollusca)
Chaetanaphothrips orchidii (Thysanoptera)
Chrysomphalus aberpictus (Homoptera)
C. odontoglossus (Homoptera)
Coccus viridis (Homoptera)
Diaphania quadristigmalis (Lepidoptera)
Diorymerellus laevimargo (Coleoptera)
Eriopyga fea (Lepidoptera)
Fulvius anthocorides (Hemiptera)
Helicina neritella (Mollusca)
Helix aspersa (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lamellaxis micra (Mollusca)
Lepidosaphes tuberculata (Homoptera)
Limax marginatus (Mollusca)
Lygaeus pulchellus (Hemiptera)
Milax gagates (Mollusca)
Myrmecophila americana (Orthoptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
N. rippertii (Isoptera)
Orchidophilus aterrimus (Coleoptera)
Paracosmia tolteca (Dermaptera)
Pheidole megacephala (Hymenoptera)
Phelypera distigma (Coleoptera);
Pseudischnaspis alienus (Homoptera)
P. bowreyi(?) (Homoptera)
Pseudoparlatoria serrulata (Homoptera)
Subulina octona (Mollusca)
Tenthecoris exitiosus (Hemiptera)
Trochuda raspa(?) (Lepidoptera)
Ulopa hovana (Homoptera)
Vilga dissimilis (Hemiptera)
Vinsonia stellifera (Homoptera)
ORNITHOGALUM:
Aploneura lentisci (Homoptera)
Haplothrips aculeatus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
ORYZA:
Chilo suppressalis (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
PALM:
Aonidiella inornata (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus odontoglossus (Homoptera)
Dinoderus borneanus(?)(Coleoptera)
Vinsonia stellifera (Homoptera)
PELEA:
Prays fulvocanellus (Lepidoptera)
PERSEA:
Aspidiotus diffinis (Homoptera)
Chrysomphalus albopictus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Pheidole megacephala (Hymenoptera)
Pseudacysta perseae (Hemiptera)
Stenoma catenifer (Lepidoptera)
PETROSELINUM:
Euleia heracleii(?) (Diptera)
Haplothrips clarisetis(?) (Thysanoptera)
Thrips pillichi (Thysanoptera)
Udea ferrugalis (Lepidoptera)
PHAIUS:
Bradybaena similaris (Mollusca)
PHALAENOPSIS:
Chrysomphalus tingi (Homoptera)
PHASEOLUS:
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Caryedon gonagra (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Matsumuraeses phaseoli (Lepidoptera)
Trogoderma granarium (Coleoptera)
PHILODENDRON:
Chrysomphalus umboniferus (Homoptera)
Prodecatoma philodendri (Hymenoptera)
PHLOX:
Taeniothrips atratus (Thysanoptera)
PHOENIX:
Ceratitis capitata (Diptera)
PHRAGMITES:
Dinoderus bifovelatus (Coleoptera)
Giraudiella inclusa (Diptera)
Minthea rugicollis (Coleoptera)
PICEA:
Plemeliella abietina (Diptera)
PINUS:
Dichocrocis punctiferalis (Lepidoptera)
Forficula pubescens (Dermaptera)
Ips calligraphus (Coleoptera)
Lepidosaphes pini (Homoptera)
PIPER:
Opeas pumilum (Mollusca)

Hosts and Insects—Continued

PISTACIA:
Ceratitis capitata (Diptera)
Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)
Trogoderma granarium (Coleoptera)
PISUM:
Ancylostomia stercorea (Lepidoptera)
Bruchidius unicolor (?) (Coleoptera)
Bruchus rufipes (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Callosobruchus analis (Coleoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Trogoderma granarium (Coleoptera)
PITHECELLOBIUM:
Stator limbatus (Coleoptera)
PITTOSPORUM:
Holochlora japonica (Orthoptera)
PLANTAGO:
Trogoderma granarium (Coleoptera)
PLATYCERIUM:
Opeas pyrgula (Mollusca)
PLUCHEA:
Aceria plucheae (Acarina)
Suidasia medanensis (Acarina)
PLUMERIA:
Aspidiotus herculeanus (Homoptera)
Caryedon gonagra (Coleoptera)
Pheidole megacephala (Hymenoptera)
Sybra alternans (Coleoptera)
POINCIANA:
Cryptophlebia ombrodelta (Lepidoptera)
PORTULACA:
Loxostege bifidalis (Lepidoptera)
PROSOPIS:
Taeniothrips picipes (Thysanoptera)
PROTEA:
Haplothrips gowdeyi (Thysanoptera)
Pseudothrips glaucus (Thysanoptera)
Theba pisana (Mollusca)
PRUNUS AMYGDALUS:
Ectomyelois ceratoniae (Lepidoptera)
Eurytoma amygdali (Hymenoptera)
Monosteira unicostata (Hemiptera)
PRUNUS ARMENIACA:
Ceratitis capitata (Diptera)
PRUNUS AVIUM:
Rhagoletis cerasi (Diptera)
PRUNUS CERASUS:
Rhagoletis cerasi (Diptera)
PRUNUS DOMESTICA:
Austrotortrix postvittana (?) (Lepidoptera)
Ceratitis capitata (Diptera)
PRUNUS PERSICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ostrinia nubilalis (Lepidoptera)
PRUNUS PERSICA VAR. NECTARINA:
Ceratitis capitata (Diptera)
PRUNUS SEROTINA:
Anthonomus rectirostris (Coleoptera)
PRUNUS SP. (cherry):
Rhagoletis cerasi (Diptera)
PSIDIUM:
Anastrepha mombinpraeoptans (Diptera)
A. striata (Diptera)
A. suspensa (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
PUNICA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Oxycarenus hyalinipennis (Hemiptera)
PYRACANTHA:
Aleurotuberculatus aucubae (Homoptera)
PYRUS:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Trogoderma granarium (Coleoptera)
QUERCUS:
Helicella caperata (Mollusca)
H. variabilis (Mollusca)
Laspeyresia splendana (Lepidoptera)
Neuroterus tricolor (Hymenoptera)
Theba pisana (Mollusca)
QUISQUALIS:
Pseudococcus lilacinus (Homoptera)
RAPHANUS:
Phytomyza rufipes (Diptera)
RHODODENDRON:
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pealius azaleae (Homoptera)
Rhopalosiphum rufiabdominalis (?) (Homoptera)
Sitona lineata (Coleoptera)
RHYNCHOSIA:
Trogazylon aequale (Coleoptera)
RIBES:
Asterobemisia carpini (Homoptera)
ROSA:
Aleurocanthus woglumi (Homoptera)
Anuraphis cardui (Homoptera)
Ardis sulcata (Hymenoptera)
Arge ochropus (Hymenoptera)
Blennocampa pusilla (Hymenoptera)
Cacoecimorpha pronubana (Lepidoptera)
Cladius isomerus (Hymenoptera)
C. pectinicornis (Hymenoptera)
Endelomyia aethiops (Hymenoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. schultzei (Thysanoptera)
Jadera pyrrholoma (Hemiptera)
Macrosiphum ibarae(?)(Homoptera)
Rhagoletis alternata(?)(Diptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)
ROSACEAE:
Liocoris tripustulatus (Hemiptera)
ROSMARINUS:
Thrips angusticeps (Thysanoptera)
RUBUS:
Asterobemisia carpini (Homoptera)
Ceratitis rubivora (Diptera)
SACCHARUM:
Chilo loftini (Lepidoptera)
Dysdercus mimus (Hemiptera)
Opogona sacchari (Lepidoptera)
Reticulitermes flavipes (Isoptera)
Zeadiatraea lineolata (Lepidoptera)
SALIX:
Micrapate labialis (Coleoptera)
SALVIA:
Liodontomerus papaveris (Hymenoptera)
SAMANEA:
Figulus foveicollis (Coleoptera)
Incisitermes repandus (Isoptera)
Sinoxylon conigerum (Coleoptera)
Stator limbatus (Coleoptera)
Xylopsocus castanoptera (Coleoptera)
SCABIOSA:
Sitona hispidula (Coleoptera)
SCHIZOLOBIUM:
Treherniella tibouchinae (Thysanoptera)
SCHOMBURGKIA:
Nasutitermes corniger (Isoptera)
SESBANIA:
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
SOIL:
Cecilioides acicula (Mollusca)
Geotomus pygmaeus (Hemiptera)
Helicella pyramidata (Mollusca)
Homoeogryllus japonicus (Orthoptera)
Monacha olivieri (Mollusca)
Myzus ascalonicus(?)(Homoptera)
Opogona sacchari (Lepidoptera)
Oxychilus alliarius (Mollusca)
Retinella hammonis (Mollusca)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)
Trichia hispida (Mollusca)

Hosts and Insects—Continued

SOLANUM MELONGENA:
Hylesia euphemia (Lepidoptera)
Leucinodes orbonalis (Lepidoptera)
SOLANUM TUBEROSUM:
Gnorimoschema plaesiosema (Lepidoptera)
Premnotrypes latithorax (Coleoptera)
Taeniothrips ericae (Thysanoptera)
SORGHUM:
Sesamia cretica (Lepidoptera)
SPARTIUM:
Bruchidius unicolor (Coleoptera)
SPATHOGLOTTIS:
Brevipalpus obovatus (Acarina)
SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
Chrysomphalus calurus (Homoptera)
STANHOPEA:
Vinsonia stellifera (Homoptera)
STAPHYLEA:
Diaprepes abbreviatus (Coleoptera)
STERCULIA:
Ozydema fusiforme (Coleoptera)
Trogoderma granarium (Coleoptera)
SWIETENIA:
Gectomus pygmaeus (Hemiptera)
Lyctus africanus (Coleoptera)
Sinozylon anale (Coleoptera)
SYRINGA:
Adozophyes reticulana (Lepidoptera)
TAMARINDUS:
Caryedon gonagra (Coleoptera)
Phelomerus aberrans (Coleoptera)
Trogoderma granarium (Coleoptera)
TERMINALIA:
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)
TILLANDSIA:
Reticulitermes tibialis (Isoptera)
TILIA:
Chionaspis salicis (Homoptera)
TRITICUM:
Bruchidius gilvus (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
H. tritici (Thysanoptera)
TULIPA:
Merodon equestris (Diptera)
VANDA:
Araecerus levipennis (Coleoptera)
Bradybaena similaris (Mollusca)
Conoderus exsul (Coleoptera)
Conotelus mexicanus (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Graptostethus manillensis (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Ozydema longulum (Coleoptera)
Perkinsiella saccharicida (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Xiphidiopsis lita (Orthoptera)
VICIA:
Bruchus azoricus (Coleoptora)
B. dentipes (Coleoptera)
B. lentis (Coleoptera)
B. rufipes (Coleoptera)
B. rufipes luteicornis (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
VIGNA:
Fundella pellucens (Lepidoptera)
VIOLA:
Arianta arbustorum (Mollusca)
VITIS:
Clysiana ambiguella (Lepidoptera)
Lobesia botrana (Lepidoptera)
Phlyctinus callosus (Coleoptera)
Scantius forsteri (Hemiptera)
YUCCA:
Erythrothrips durango (Thysanoptera)
Phera centrolineata (Homoptera)
ZEA:
Diaprepes farinosus (Coleoptera)
Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)
ZINGIBER:
Mimegralla coeruleifrons (Diptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
"Targionia" hartii (Homoptera)
ZINNIA:
Frankliniella sulphurea (Thysanoptera)
Thrips flavus (Thysanoptera)
ZIZYPHUS:
Ceratitis capitata (Diptera)

Hosts Unknown

AIRPLANE:
Achaea janata (Lepidoptera)
Acheta hispanicus (Orthoptera)
Adoretus sinicus (Coleoptera)
Aeneolamia reducta (Homoptera)
Aethus indicus (Hemiptera)
Agriphila latistria (Lepidoptera)
Allozacis spinosus (Coleoptora)
Anastrepha mombinpraeoptans (Diptera)
Araecerus levipennis (Coleoptera)
Betulaphis quadrituberculatus (Homoptera)
Chalciope hyppasia (Lepidoptera)
Choranthus vitellius (Lepidoptera)
Cyclocephala discicollis (Coleoptera)
Cylas formicarius (Coleoptera)
Deltocephalus maculellus (Homoptera)
Diabrotica speciosa (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Dialarazia oleracea (Lepidoptera)
Dysdercus andreae (Hemiptera)
Empoasca kraemeri (Homoptera)
Ericeia inangulata (Lepidoptera)
Eutetheola humilis (Coleoptera)
Euzesta eluta (Diptera)
Geniates panamensis (Coleoptera)
Geocoris thoracicus (Hemiptera)
Gryllus bimaculatus (Orthoptera)
Helicella martima (Mollusca)
Hymenia perspectalis (Lepidoptera)
Hypomeces squamosus (Coleoptera)
Liogenys macropelma (Coleoptera)
L. quadridens (Coleoptera)
Lygaeus equestris (Hemiptera)
L. pandurus (Hemiptera)
Marasmia poegalis (Lepidoptera)
Meridyrias progenies (Lepidoptera)
Mniothripa lichenigera (Lepidoptera)
Mumetopia nigrimana (Diptera)
Oxyambulyx substrigilis (Lepidoptera)
Oxycopis vittata (Coleoptera)
Parnara guttata (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Polydesma umbricola (Lepidoptera)
Prodenia litura (Lepidoptera)
Sogata orizicola (Homoptera)
Sphingonotus rubescens (Orthoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
S. pecten (Lepidoptera)
Stator limbatus (Coleoptera)
Sylepta balteata (Lepidoptera)
Syngamia florella (Lepidoptera)
Teleogryllus mitratus (Orthoptera)
Theba pisana (Mollusca)
Tipula scripta (Diptera)
Utethesia pulchella (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)
AQUATIC PLANT:
Pentalonia nigronervosa (Homoptera)

Hosts Unknown—Continued

AUTOMOBILE:
Aellopos tantalus (Lepidoptera)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella variabilis (Mollusca)
Theba pisana (Mollusca)
Trogoxylon aequale (Coleoptera)
BAGGAGE:
Adoretus sinicus (Coleoptera)
Allozacis spinosus (Coleoptera)
Arianta arbustorum (Mollusca)
Bruchus ervi (Coleoptera)
B. rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Ceratitis capitata (Diptera)
Cyane terpischorella (Lepidoptera)
Dacus dorsalis (Diptera)
D. oleae (Diptera)
Diocalandra taitensis (Coleoptera)
Gryllus bimaculatus (Orthoptera)
Helix aperta (Mollusca)
H. pomatia (Mollusca)
Laspeyresia splendana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Modocogryllus conspersus (Orthoptera)
Nysius coenosulus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Otosema odorata (Lepidoptera)
Parastichtis monoglypha (Lepidoptera)
Sesamia nonagrioides (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Sybra alternans (Coleoptera)
BAGGING:
Cylas formicarius elegantulus (Coleoptera)
Trogoderma granarium (Coleoptera)
BALLAST:
Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)
CARGO:
Acrida sulphuripennis (Orthoptera)
Cylas formicarius elegantulus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Gastrimargus brevipes (Orthoptera)
Gryllotalpa africana (Orthoptera)
Helix aspersa (Mollusca)
Heterotermes convexinotatus (Isoptera)
Homorocoryphus nitidulus (Orthoptera)
Lyctus africanus (Coleoptera)
Megalogryllus molinai (Orthoptera)
Metamasius hemipterus sericeus (Coleoptera)
Morphacris fasciata (Orthoptera)
Nephotettix apicalis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Otala lactea (Mollusca)
Prodenia litura (Lepidoptera)
Sinoxylon anale (Coleoptera)
Trogoderma granarium (Coleoptera)
CLOTHING:
Pheidole megacephala (Hymenoptera)
Pycnotosia pryeri (Coleoptera)
Reticulitermes flavipes (Isoptera)
CONIFER:
Hylobius abietis (Coleoptera)
CRATE:
Theba pisana (Mollusca)
CUTTING:
Cenopalpus pulcher (Acarina)
Euphyllura olivina (Homoptera)
DEBRIS:
Dictyla nassata (Hemiptera)
Syntomis cyssea (Lepidoptera)
Trogoderma granarium (Coleoptera)
Xanthochroina bicolor (Coleoptera)
DUNNAGE:
Callidium rufipenne (Coleoptera)
Sitona hispidula (Coleoptera)
EXCELSIOR:
Lema bilineata (Coleoptera)
FLOUR:
Sitona lineata (Coleoptera)
FLOWERS:
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Diaprepes abbreviatus (Coleoptera)
D. abbreviatus var. (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Orchidophilus aterrimus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Siphanta acuta (Homoptera)
Spanioneura fonscolombei (Homoptera)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. major (Thysanoptera)
T. pilichi (Thysanoptera)
FOOD:
Phaeocatantops decoratus (Orthoptera)
Tylotropidius gracilipes (Orthoptera)
FRUIT—UNIDENTIFIED:
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
GRAIN:
Trogoderma granarium (Coleoptera)
GUM ZEDOU:
Trogoderma granarium (Coleoptera)
HERB:
Haplothrips gowdeyi (Thysanoptera)
Helicella maritima (Mollusca)
Pheidole megacephala (Hymenoptera)
LEAF—UNIDENTIFIED:
Achaea janata (Lepidoptera)
Aleurotrachelus jelenekii (Homoptera)
Aspidiotus destructor (Homoptera)
Asterobemisia carpini (Homoptera)
Crenidorsum stigmaphylli (Homoptera)
Vinsonia stellifera (Homoptera)
LEGUME:
Bruchus rufipes (Coleoptera)
B. tristiculus (Coleoptera)
Phelomerus aberrans (Coleoptera)
MAIL:
Adoretus sinicus (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Coptotermes formosanus (Isoptera)
Euscepes postfasciatus (Coleoptera)
Helix aspersa (Mollusca)
Pholidoforus advena (Coleoptera)
Polydesma umbricola (Lepidoptera)
Teleogryllus mitratus (Orthoptera)
MILITARY CARGO:
Achatina fulica (Mollusca)
Bradybaena similaris (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella caperata (Mollusca)
H. conspurcata (Mollusca)
H. cretica (Mollusca)
H. derbentina (Mollusca)
H. itala (Mollusca)
H. littoralis(?) (Mollusca)
H. maritima (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. variabilis (Mollusca)
Helicina conveza (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
H. figulina (Mollusca)
Macroglossum stellatarum (Lepidoptera)
Monacha cantiana (Mollusca)
M. carthusiana (Mollusca)
M. olivieri (Mollusca)
Nasutitermes rippertii (Isoptera)
Otala vermiculata (Mollusca)
Pieris brassicae (Lepidoptera)
Rumina decollata (Mollusca)
Theba pisana (Mollusca)
NURSERY STOCK:
Ceutorhynchus erysimi (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Sitona hispidula (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
PACKING MATERIAL:
Trigonophora meticulosa (Lepidoptera)
PAPER:
Cryptotermes brevis (Isoptera)

Hosts Unknown—Continued

PLANT—UNIDENTIFIED:
Ceroplastes rubens (Homoptera)
Miccotrogus picirostris (Coleoptera)
PLANT MATERIAL:
Dialeurodes kirkaldyi (Homoptera)
Lygus lineolaris (Hemiptera)
Megaris laevicollis (Hemiptera)
Melormenis antillarum (Homoptera)
Minthea rugicollis (Coleoptera)
Mormidea v-luteum (Hemiptera)
Stator limbatus (Coleoptera)
Theba pisana (Mollusca)
QUARTERS:
Cylas formicarius elegantulus (Coleoptera)
Mamestra brassicae (Lepidoptera)
Melolontha melolontha (Coleoptera)
Rhynchophorus palmarum (Coleoptera)
Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)
RAILWAY CAR:
Dysdercus obliquus (Hemiptera)
RESIDUE:
Helicella pyramidata (Mollusca)
SEED—UNIDENTIFIED:
Araecerus levipennis (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Mimosestes dominicanus (Coleoptera)
Stator pruininus (Coleoptera)
STORES:
Acrolepia assectella (Lepidoptera)
Bruchus rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Epinotia aporema (Lepidoptera)
Gnorimoschema ocellatella (Lepidoptera)
Helicella arigonis (Mollusca)
H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Nephotettix apicalis (Homoptera)
Sitona cylindricollis (Coleoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
STRAW:
Forficula aetolica (Dermaptera)
Kalotermes flavicollis (Isoptera)
VEGETABLES:
Conotelus mexicanus (Coleoptera)
WOOD:
Apate monachus (Coleoptera)
Callidium rufipenne (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
H. brunneus (Coleoptera)
Heterotermes convexinotatus (Isoptera)
Lyctus brunneus (Coleoptera)
Micrapate labialis (Coleoptera)
M. mexicana(?) (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes corniger (Isoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Trogoxylon aequale (Coleoptera)
T. prostomoides (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)
X. picea (Coleoptera)
Xyloperthodes nitidipennis(?) (Coleoptera)
Xylothrips religiosus (Coleoptera)

Countries of Origin and Insects

AFRICA (country(?)):
Ceratitis capitata
Dinoderus bifoveolatus
Franklinella schultzei
Minthea rugicollis
ALGERIA:
Hydroecia xanthenes
Parlatoria zizyphus
AMERICAN SAMOA:
Chaetanaphothrips orchidii
Dinoderus borneanus(?)
Geotomus pygmaeus
Pentalonia nigronervosa
AMERICAN VIRGIN ISLANDS:
Trogoxylon aequale
ANGOLA:
Xyloperthella picea
ANTIGUA:
Cylas formicarius elegantulus
Diaprepes farinosus
Vinsonia stellifera
ARGENTINA:
Ceratitis capitata
Taeniothrips picipes
ARUBA:
Fundella pellucens
AUSTRALIA:
Aonidiella citrina
Betulaphis quadrituberculatus
Ceroplastes rubens
Cylas formicarius
Franklinella schultzei
Haplothrips gowdeyi
Helix aspersa
Lepidosaphes tuberculata
Lyctus brunneus
Ovatus crataegarius
Pheidole megacephala
Thrips imaginis
Unaspis yanonensis
AUSTRALIA(?):
Ceratitis capitata(?)
AUSTRIA:
Ardis sulcata
Bruchidius villosus
Giraudiella inclusa
Laspeyresia splendana
Plemeliella abietina
AZORES:
Bruchus rufipes
B. tristiculus
Ceratitis capitata
Cerodontha denticornis
Cochicella ventrosa
Helix aperta
H. aspersa
Laspeyresia splendana
Pieris brassicae
Rhagoletis cerasi
Theba pisana
BAHAMAS:
Ancylostomia stercorea
Ips calligraphus
Nasutitermes rippertii
Vinsonia stellifera
Zeadiatraea lineolata
BARBADOS:
Ancylostomia stercorea
Fundella pellucens
Pectinophora gossypiella
BELGIUM:
Adoxophyes reticulana
Anthonomus rectirostris
Bruchidius villosus
Euleia heraclei(?)
Evergestis forficalis
Frankliniella intonsa
Mamestra brassicae
Phytomyza rufipes
Taeniothrips atratus
T. dianthi
BERMUDA:
Bradybaena similaris
Helicina convexa
Otala vermiculata
Selenothrips rubrocinctus
BERMUDA(?):
Ceratitis capitata(?)
BOLIVIA:
Premnotypes latithorax
BRAZIL:
Acanthoscelides bixae
Aganactesis indecora
Amblycerus reticulatus
Anastrepha fraterculus(?)
A. mombinpraeoptans
Brevipalpus obovatus
Ceratitis capitata
Chrysomphalus personatus
C. umboniferus
Ectomyelois ceratoniae
Euetheola humilis
Eurytoma orchidearum
Euscepes postfasciatus
Megaris laevicollis
Mormidea v-luteum
Nasutitermes corniger
Pallantia macula
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Platynota rostrana
Prodecatoma philodendri
Pseudococcus gahani
Stephanoderes hampei
Taeniothrips atratus
Tenthecoris exitiosus
Trherniella tibouchinae
Unaspis citri
BRITISH GUIANA:
Caryedon gonagra
Euscepes postfasciatus
Fundella pellucens
BRITISH HONDURAS:
Gnorimoschema gudmannella
Nasutitermes corniger
N. ephratae
N. nigriceps
Pheidole megacephala
Pseudischnaspis alienus
Stenoma catenifer
Vinsonia stellifera
BRITISH VIRGIN ISLANDS:
Choranthus vitellius
BRITISH WEST INDIES (island(?)):
Dellocephalus maculellus
BURMA:
Bruchidius caerulius
CANADA:
Miccotrogus picirostris
Sitona lineata
CANAL ZONE:
Acanthoscelides armitagei
Ancylostomia stercorea
Chrysomphalus albopictus
Cosmopolites sordidus
Pheidole megacephala
Vilga dissimilis
Vinsonia stellifera
CANARY ISLANDS:
Ceratitis capitata(?)
CAPE VERDE ISLANDS:
Cryptoblabes gnidiella
CEYLON:
Eurytoma orchidearum
Sinoxylon conigerum
Trogoderma granarium
Xylothrips religiosus
CHILE:
Epinotia aporema
Gnorimoschema plaesiosema
Lema bilineata
Naupactus xanthographus
CHINA:
Chalciope hyppasia
Cryptotermes brevis
Dialeurodes kirkaldyi
Parlatoria zizyphus
Spodoptera mauritia acronyctoides
Unaspis yanonensis

Countries of Origin and Insects—Continued

COLOMBIA:
Aleurodicus trinidadensis
Epinotia aporema
Eurytoma orchidearum
Gnorimoschema gudmannella
Heterotermes convexinotatus
Limax marginatus
Megalogryllus molinai
Milax gagates
Minthea squamigera
Stenoma catenifer
COSTA RICA:
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Bephrata maculicollis
Ceratitis capitata
Chrysomphalus aberpictus
Conotrachelus perseae
Diaphania quadristigmalis
Limax marginatus
Metamasius hemipterus sericeus
Stenoma catenifer
CRETE:
Cochlicella barbara
Helicella cretica
Helix aspersa
Otala vermiculata
Theba pisana
CUBA:
Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Nasutitermes rippertii
Syngamia florella
CURACAO:
Caryedon gonagra
CYPRUS:
Bruchus lentis
Ceratitis capitata
Haplothrips cottei
CZECHOSLOVAKIA:
Bruchus rufipes
Frankliniella intonsa
Rhagoletis alternata(?)
Taeniothrips atratus
Thrips flavus
DENMARK:
Cladius pectinicornis
Endelomyia aethiops
Gelechia ericetella
Helicella candidula
Mamestra brassicae
Phytomyza rufipes
Plemeliella abietina
Taeniothrips atratus
Thrips flavus
T. major
Ulopa reticulata
DOMINICA:
Anastrepha mombinpraeoptans
Vinsonia stellifera
DOMINICAN REPUBLIC:
Aganactesis indecora
Alloxacis spinosus
Anastrepha mombinpraeoptans
A. ocresia
A. suspensa
Ancylostomia stercorea
Cremidorsum stigmaphylli
Cylas formicarius elegantulus
Dialeurodes citrifolii
Dysdercus andreae
Frankliniella sulphurea
Maruca testulalis
Meridyrias progenies
Mimosestes dominicanus
Pectinophora gossypiella
Pheidole megacephala
Sphenarches caffer
Talponia batesi
Vinsonia stellifera
ECUADOR:
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Coccus viridis
Draeculacephala clypeata
Eucalendra setulosa
Metamasius hemipterus sericeus
Platoeceticus symmicta
Porphyrobaphe iostoma
Prepiella aurea
Pseudoparlatoria serrulata
Solaropsis monile
Stenoma catenifer
Unaspis citri
EL SALVADOR:
Anastrepha mombinpraeoptans
A. striata
Aulacaspis tuberculariis
Miogryllus convolutus
Protopulvinaria pyriformis
Stenoma catenifer
Vinsonia stellifera
ENGLAND:
Blennocampa pusilla
Bruchidius villosus
Bruchus rufipes
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Euleia heraclei(?)
Frankliniella intonsa
Gelechia ericetella
Gracilaria azaleella
Helicella caperata
Lygus rugulipennis
Merodon equestris
Milax gagates
Pealius azaleae
Pectinophora malvella
Phytomyza rufipes
Sitona hispidula
Spanioneura fonscolombei
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. flavus
T. major
T. pillichi
Tipula paludosa
Trogoderma granarium
ENIWETOK:
Furcaspis oceanica
ETHIOPIA:
Ceratitis rubivora
Dacus oleae
EUROPE (country(?)):
Ceratitis capitata
Dacus oleae
Frankliniella intonsa
Limothrips denticornis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips angusticeps
T. flavus
FEDERATION OF MALAYSIA:
Aspidiotus palmae
Callosobruchus analis
Trogoderma granarium
FEDERATION OF MALAYSIA(?):
Leucinodes orbonalis
FEDERATION OF RHODESIA AND NYASALAND:
Ceratitis capitata
FIJI:
Achaea janata
Figulus foveicollis
Incisitermes repandus
Pheidole megacephala
"Targionia" hartii
Unaspis yanonensis
Xylopsocus castanoptera
FINLAND:
Ardis sulcata
Frankliniella intonsa
Thrips flavus
T. major
FORMOSA:
Achatina fulica

Countries of Origin and Insects—Continued

FORMOSA—Continued
Brevipalpus obovatus
Parlatoria zizyphus
Stephanoderes hampei
Trogoderma granarium
FRANCE:
Acrolepia assectella
Anuraphis cardui
Asterobemisia carpini
Bibio hortulanus
Bruchus ervi
B. lentis
B. rufipes
B. tristiculus
B. viciae
Ceratitis capitata
Cochlicella barbara
Curculio elephas
Dacus oleae
Euleia heraclei
Evergestis forficalis
Frankliniella intonsa
Geomyza tripunctata
Gortyna flavago
Gracilaria azaleella
Helicella caperata
H. maritima
H. variabilis
Helix aspersa
Hellula undalis
Laspeyresia splendana
Liocoris tripustulatus
Mamestra brassicae
Milax gagates
Monacha cantiana
M. carthusiana
Myzus ascalonicus(?)
Periphyllus aceris
Phytomyza rufipes
Pieris brassicae
Rhagoletis cerasi
Theba pisana
Thrips angusticeps
T. flavus
Trogoderma granarium
Udea ferrugalis
FRANCE(?):
Agriphila latistria
FRENCH GUIANA:
Vinsonia stellifera
GERMANY:
Aceria rudis
Acrolepia assectella
Adoxophyes reticulana
Anuraphis cardui
Ardis sulcata
Arge ochropus
Arianta arbustorum
Blastodacna atra
Bruchidius villosus
Bruchus ervi
B. lentis
B. rufipes
Chionaspis salicis
Cladius pectinicornis
Forficula pubescens
Frankliniella intonsa
Gelechia ericetella
Haplothrips aculeatus
Helicella pyramidata
Helix pomatia
Neuroterus tricolor
Phytomyza rufipes
Retinella hammonis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus
T. major
Tipula scripta
Trogoderma granarium
Ulopa reticulata
GHANA:
Acrosternum heegeri
Leucinodes orbonalis
"Targionia" hartii
GREECE:
Acanthoscelides spinipes
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristiculus
B. tristis
B. ulicis
Ceratitis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Euphyllura olivina
Helicella cretica
H. littoralis(?)
H. maritima
H. variabilis
Laspeyresia splendana
Liodontomerus papaveris
Lyctus africanus
Monacha olivieri
Monosteira unicostata
Otala vermiculata
Oxycarenus hyalinipennis
Parlatoria zizyphus
Prays oleellus
Schneidereria pistaciella
Sesamia cretica
Thrips angusticeps
T. major
Udea ferrugalis
GRENADA:
Ancylostomia stercorea
Pectinophora gossypiella
GUAM:
Adoretus sinicus
Araecerus cumingi
Aspidiotus palmae
Caryedon gonagra
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides
GUATEMALA:
Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Chrysomphalus albopictus
Diorymerellus laevimargo
Fulvius anthocorides
Gnorimoschema gudmannella
Iridomyrmex iniqurs
Limax marginatus
Metamasius hemipterus hemipterus
M. hemipterus sericeus
Myrmecophila americana
Pentalonia nigronervosa
Pseudischnaspis longissima
Pseudoparlatoria serrulata
Stenoma catenifer
Unaspis citri
Vinsonia stellifera
Zeadiatraea lineolata
HAITI:
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus
D. abbreviatus var.
Haplothrips gowdeyi
Helix aspersa
Jadera pyrrholoma
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Trogoxylon aequale
Vinsonia stellifera
HAWAII:
Achaea janata
Adoretus sinicus
Araecerus levipennis
Aspidiotus herculeanus
Asterolecanium bambusae
Bradybaena similaris

Countries of Origin and Insects—Continued

HAWAII—Continued
Caryedon gonagra
Ceratitis capitata
Ceroplastes rubens
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia illepida
C. ombrodelta
Cryptotermes brevis
Cyane terpischorella
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Euscepes postfasciatus
Graptostethus manillensis
Lampides boeticus
Lepidosaphes tokionis
Limax marginatus
Maruca testulalis
Modocogryllus conspersus
Nysius coenosulus
Orchidophilus aterrimus
Ozychilus alliarius
Ozydema fusiforme
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pholidoforus advena
Pinnaspis buxi
Polydesma umbricola
Polytus mellerborgii
Prays fulvocanellus
Pseudaonidia claviger
Pseudococcus gahani
P. neobrevipes
P. oceanicus
P. palmarum
Pulvinaria psidii
Selenothrips rubrocinctus
Sinoxylon conigerum
Siphanta acuta
Stator limbatus
S. pruininus
Sternochetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
Xiphidiopsis lita
Xylothrips religiosus
HONDURAS:
Aleuroplatus variegatus
Cerconota anonella
Lamellaxis micra
Lygaeus pulchellus
Metamasius hemipterus sericeus
Pheidole megacephala
Stenoma catenifer
Zamagiria dixolophella
HONG KONG:
Cylas formicarius var.
C. formicarius formicarius
Homoegryllus japonicus
Lyctus africanus
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis
HONG KONG(?):
Minthea rugicollis
HUNGARY:
Ardis sulcata
Clysiana ambiguella
Frankliniella intonsa
Taeniothrips atratus
T. dianthi
T. ericae
Tetranychus viennensis
ICELAND:
Thrips flavus
T. major
INDIA:
Caryedon gonagra
Dacus dorsalis(?)
Dinoderus bifoveolatus
Heterobostrychus aequalis
Nephotettix apicalis
Parlatoria zizyphus
Sinoxylon anale
S. conigerum
Sternochetus mangiferae
Suidasia medanensis
Syntomis cyssea
Trogoderma granarium
INDONESIA:
Coccus viridis
Genaparlatoria pseudaspidiotus
IRAN:
Bruchus dentipes
Trogoderma granarium
IRELAND:
Gelechia ericetella
Ozychilus alliarius
Retinella hammonis
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida
ISRAEL:
Aploneura lentisci
Bruchus tristiculus
Cecilioides acicula
Ceratitis capitata
Cladius pectinicornis
Dacus oleae
Forficula aetolica
Frankliniella tenuicornis
Ozycarenus hyalinipennis
Parlatoria cinerea
Prodenia litura
Rhagoletis cerasi
Taeniothrips discolor
Thrips flavus
T. major
ITALY:
Acanthoscelides spinipes
Acrolepia assectella
Aleurotrachelus jelenekii
Anuraphis cardui
Aspidiotus pusearis
Brachycerus albidentatus
B. algirus
Bruchidius debilis
B. gilvus
B. incarnatus
B. meleagrinus
B. unicolor
B. villosus
Bruchus dentipes
B. ervi
B. lentis
B. rufipes
B. rufipes luteicornis
B. signaticornis
B. tristiculus
B. tristis
Cacoecimorpha pronubana
Cenopalpus pulcher
Ceratitis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Depressaria erinaceella
Dyspessa ulula
Ectomyelois ceratoniae
Euleia heraclei(?)
Eupelix cuspidata
Forficula decipiens
Frankliniella intonsa
Gnorimoschema ocellatella
Helicella pyramidata
H. variabilis
Helix aperta
Hylobius abietis
Lampides boeticus

Countries of Origin and Insects—Continued

ITALY—Continued
Laspeyresia splendana
Limax marginatus
Lobesia botrana
Mamestra brassicae
Megastigmus pistaciae
Milax gagates
Opogona sacchari
Ostrinia nubilalis
Otala lactea
O. vermiculata
Ovatus crataegarius
Parlatoria zizyphus
Pentodon punctatus
Phalonia zephyrana
Pieris brassicae
Prays oleellus
Pseudopachymerus lallemanti
Retinella hammonis
Rhagoletis cerasi
Rhopalosiphoninus tulipaellus
Schneidereria pistaciella
Sesamia cretica
Sitona humeralis
Sterrha inquinata
Theba pisana
Thrips angusticeps
Udea ferrugalis
IVORY COAST:
Dacus cucurbitae
JAMAICA:
Aleurocanthus woglumi
Alloxacis spinosus
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Chrysomphalus odontoglossus
Dialeurodes citrifolii
Euscepes postfasciatus
Haplothrips gowdeyi
Helicina neritella
Heterotermes convexinotatus
Limax marginatus
Palaeopus costicollis
Pectinophora gossypiella
Sennius probus(?)
Vinsonia stellifera
JAPAN:
Aleurotuberculatus aucubae
Amatissa consorta
Aonidiella citrina
A. inornata
Aspidiotus diffinis
Brevipalpus obovatus
Bryobia ehari
Callidium rufipenne
Carposina niponensis
Ceroplastes ceriferus
Chilo suppressalis
Chlorophorus annularis
Cylas formicarius formicarius
Dichocrocis punctiferalis
Euproctis similis
Frankliniella formosae
Geotomus pygmaeus
Gryllotalpa africana
Haplothrips gowdeyi
Holochlora japonica
Hypomeces squamosus
Lampides boeticus
Lepidosaphes conchiformis
L. pini
Maruca testulalis
Matsumuraeses phaseoli
Myocalandra elongata
Oligonychus perditus
Ostrinia nubilalis
Parlatoria zizyphus
Parnara guttata
Pentamerismus oregonensis
Pheidole megacephala
Polydesma umbricola
Rhopalosiphum rufiabdominalis(?)
Spodoptera pecten
Taeniothrips eucharii
"Targionia" hartii
Teleogryllus mitratus
Tetranychus viennensis
Thrips nigropilosus
Trogoderma granarium
Unaspis citri
U. yanonensis
JAPAN(?):
Ericeia inangulata
JORDAN:
Ceratitis capitata
Eurytoma amygdali
KENYA:
Acrida sulphuripennis
Cylas puncticollis
Gastrimargus brevipes
Homorocoryphus nitidulus
Morphacris fasciata
KENYA(?):
Trogoderma granarium
KOREA:
Trogoderma granarium
KUWAIT:
Trogoderma granarium
KWAJALEIN:
Furcaspis oceanica
Lepidosaphes esakii
LEBANON:
Bruchus ervi
B. lentis
Ceratitis capitata
Dacus oleae
Trogoderma granarium
LIBERIA:
Ceratitis capitata
Cylas puncticollis
Pectinophora gossypiella
LIBYA:
Cochlicella barbara
C. ventrosa
Helicella pyramidata
Theba pisana
MACAO:
Minthea rugicollis
MADAGASCAR:
Pheidole megacephala
Ulopa hovana
MALTA:
Ceratitis capitata
Parlatoria zizyphus
MEXICO:
Aceria tulipae
Aellopos tantalus
Aleurocanthus woglumi
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Anastrepha ludens
A. mombinpraeoptans
Anechura vara
Anthonomus albolineatus
Arphnus melanotylus
Aspidiotus destructor
A. diffinis
A. excisus
Asterolecanium bambusae
A. epidendri
Batrachedra linaria
Bruchus ervi
Calyptocephala gerstaeckeri
Caryedon gonagra
Carystoides basochesii replana
C. lebbaeus
Chaetanaphothrips orchidii
Chilo loftini
Chrysomphalus albopictus
C. odontoglossus
C. personatus
Cladius isomerus
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus aguacatae
Cryphula apicata
Cylas formicarius elegantulus
Cylindrocopturus tetralobus(?)

Countries of Origin and Insects—Continued

MEXICO—Continued
Diorymerellus laevimargo
Drymaeus hegewischi
Dysdercus mimus
D. obliquus
Eriopyga fea
Erythrothrips durango
Ethelema sobrina
Eumaeus debora
Everes comyntas
Exptochiomera formosa
Galgupha punctifer
Gnorimoschema gudmannella
Haplothrips clarisetis(?)
Helix aspersa
Hylesia euphemia
Iridomyrmex iniquus
Labia arcuata
Lepidosaphes philococcus
Ligyrocoris nitidicollis
Loxostege bifidalis
Lygaeus pulchellus
Lygus lineolaris
Melanaspis squamae
Micrapate labialis
M. mexicana(?)
Neoleucinodes elegantalis
Otosema odorata
Ovatus crataegarius
Paracosmia tolteca
Parisoschoenus expositus
P. flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Phelypera distigma
Phera centrolineata
Praticolella berlandieriana
Pseudacysta perseae
Pseudischnaspis bowreyi(?)
P. longissima
Reticulitermes flavipes
R. tibialis
Rhinostomus barbirostris
Rhynchophorus palmarum
Sisamnes contractus
Spanogonicus albofasciatus
Stator limbatus
Stenoma catenifer
Tulponia batesi
Teleonemia proliza
Tetranychus cinnabarinus
Trialeurodes similis
T. vitrinellus
Trochuda raspa(?)
Trogoxylon aequale
T. prostomoides
Unaspis citri
Xanthochroina bicolor
MOROCCO:
Acheta hispanicus
Bruchus lentis
Ceratitis capitata
Cochlicella barbara
C. ventrosa
Dictyla nassata
Gryllus bimaculatus
Helicella conspurcata
H. maritima
Lygaeus equestris
L. pandurus
Parlatoria zizyphus
Pieris brassicae
Rumina decollata
Sphingonotus rubescens
Theba pisana
MOZAMBIQUE:
Phaeocatantops decoratus
Tylotropidius gracilipes
NETHERLANDS:
Acrolepia assectella
Adozophyes reticulana
Ardis sulcata
Arianta arbustorum
Aspidiotus palmae
Bruchus lentis
B. viciae
Cecilioides acicula
Ceutorhynchus erysimi
Chrysomphalus personatus
Dactynotus sonchi
Dialeurodes chittendeni
Evergestis forficalis
Haplothrips aculeatus
Helicella candidula
H. elegans
H. trochoides
Helix aspersa
Mamestra brassicae
Merodon equestris
Milax gagates
Stona hispidula
S. lineata
Subulina octona
Taeniothrips atratus
Theba pisana
Thrips flavus
Trigonophora meticulosa
Trogoderma granarium
NETHERLANDS(?):
Lepidosaphes tubulorum
NEVIS:
Arcylostomia stercorea
NEW GUINEA:
Aspidiotus palmae
NEW ZEALAND:
Austrotortrix postvittana (?)
Tortrix excessana
NICARAGUA:
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. striata
Aulacaspis tubercularis
Chrysomphalus calurus
Mumetopia nigrimana
Sogata orizicola
Stenoma catenifer
Unaspis citri
Zeadiatraea lineolata
NIGERIA:
Ceratitis colae(?)
Cylas puncticollis
Lyctus brunneus
Pheidole megacephala
NORWAY:
Argyroploce lacunana
Gelechia ericetella
Parthenothrips dracaenae
Taeniothrips atratus
T. ericae
Thrips flavus
OKINAWA:
Parlatoria zizyphus
OKINAWA(?):
Spodoptera mauritia acronyctoides
PAKISTAN:
Heterobostrychus aequalis
Ozycarenus hyalinipennis
Pectinophora gossypiella
Sinozylon anale
Trogoderma granarium
PALMYRA ISLAND:
Selenothrips rubrocinctus
PANAMA:
Acanthoscelides armitagei
Anastrepha ludens
A. mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium bambusae
Cerconota anonella
Cosmopolites sordidus
Cyclocephala discicollis
Euscepes postfasciatus
Fundella pellucens
Geniates panamensis
Liogenys macropelma
L. quadridens
Maruca testulalis
Nasutitermes ephratae

Countries of Origin and Insects—Continued

PANAMA—Continued
Stenoma catenifer
Unaspis citri
Vinsonia stellifera
PANAMA(?):
Aeneolamia reducta
PERU:
Acanthoscelides armitagei
Aleurodicus iridescens
Ceratitis capitata
Epinotia aporema
Mescinia peruella
Nasutitermes chaquimayensis
Pentalonia nigronervosa
Stenoma catenifer
Subulina octona
PHILIPPINES:
Aleurotuberculatus jasmini
Aspidiotus destructor
Aulacaspis tubercularis
Caryedon gonagra
Chilo suppressalis
Chrysomphalus tingi
Cylas formicarius formicarius
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Heterobostrychus aequalis
Mimegralla coeruleifrons
Mniothripa lichenigera
Opeas pyrgula
Oxyambulyx substrigilis
Parlatoria citri
P. zizyphus
Pheidole megacephala
Prodenia litura
Pseudococcus lilacinus
P. neobrevipes
Suidasia medanensis
Unaspis yanonensis
POLAND:
Blastodacna atra
Frankliniella intonsa
Haplothrips aculeatus
Pexicopia malvella
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus
PORTUGAL:
Aphidura pujoli
Bruchus azoricus
B. emarginatus
B. lentis
B. rufipes luteicornis
B. tristiculus
Ceratitis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
Helix aspersa
Laspeyresia splendana
Opogona sacchari
Ovatus crataegarius
Rhagoletis cerasi
Sesamia nonagriodes
Theba pisana
Udea ferrugalis
PUERTO RICO:
Aceria plucheae
Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Cylas formicarius elegantulus
Diaprepes abbreviatus
Empoasca kraemeri
Euscepes postfasciatus
Euxesta eluta
Geocoris thoracicus
Haplothrips gowdeyi
Maruca testulalis
Metamasius hemipterus hemipterus
Pheidole megacephala
Platynota rostrana
Sphenarches caffer
Vinsonia stellifera
REPUBLIC OF SOUTH AFRICA:
Antliarhinus zamiae
Aspidiotus capensis (tentative)
Ceratitis capitata
Dacus oleae
Haplothrips gowdeyi
Phlyctinus callosus
Pseudothrips glaucus
Scantius forsteri
Stephanoderes hampei
Theba pisana
REPUBLIC OF THE CONGO:
Apate monachus
Bruchidius unicolor(?)
Heterobostrychus brunneus
Minthea rugicollis
Xyloperthella crinitarsis
X. picea
ST. KITTS:
Anastrepha mombinpraeoptans
Choranthus vitellius
Deltocephalus maculellus
ST. MARTIN:
Anastrepha mombinpraeoptans
Pheidole megacephala
SCOTLAND:
Cladius pectinicornis
Gelechia ericetella
Taeniothrips atratus
T. ericae
Thrips flavus
SENEGAL:
Caryedon gonagra
Ceratitis capitata
Hellula undalis
Leucinodes orbonalis
Maruca testulalis
SEYCHELLES:
Trogoderma granarium
SIERRA LEONE:
Cylas puncticollis
SPAIN:
Aleurolobus olivinus
Brachycerus algirus
Bruchus lentis
B. rufipes
B. signaticornis
Cacoecimorpha pronubana
Cenopalpus pulcher
Ceratitis capitata
Chilo suppressalis
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyelois ceratoniae
Helicella arigonis
H. caperata
H. conspurcata
H. maritima
H. variabilis
H. virgata
Helix aspersa
Kalotermes flavicollis
Laspeyresia nigricana
L. splendana
Macroglossum stellatarum
Mamestra brassicae
Parlatoria zizyphus
Rhagoletis cerasi
Sesamia cretica
S. nonagriodes
Taeniothrips picipes
Theba pisana
SUDAN:
Trogoderma granarium
SURINAM:
Fundella pellucens
Maruca testulalis
SWEDEN:
Frankliniella intonsa

Countries of Origin and Insects—Continued

SWEDEN—Continued
Ostrinia nubilalis
Taeniothrips atratus
Tephritis conura
Thrips major
SWITZERLAND:
Cladius pectinicornis
Curculio elephas
C. nucum
Frankliniella intonsa
Gelechia ericetella
Laspeyresia splendana
Melolontha melolontha
Stenoptilia stigmatodactyla
Thrips flavus
TAHITI:
Dialeurodes kirkaldyi
Morganella longispina
Parlatoria cinerea
Pulvinaria psidii
THAILAND:
Caryedon gonagra
Dacus cucurbitae
Heterobostrychus aequalis
Ostrinia nubilalis
Ozydema longulum
Parlatoria citri
Trogoderma granarium
TORTOLA:
Anastrepha mombinpraeoptans
Euscepes postfasciatus
Melormenis antillarum
TRINIDAD:
Acanthoscelides armitagei
Aganactesis indecora
Ancylostomia stercorea
Axpidiotus excisus
Cylas formicarius elegantulus
Euscepes postfasciatus
Sphenarches caffer
Vinsonia stellifera
TURKEY:
Bruchus ervi
B. lentis
Helicella cretica
H. derbentina
H. protea
H. variabilis
Helix figulina
Monacha olivieri
Otala vermiculata
Rhagoletis cerasi(?)
UNION OF SOVIET SOCIALIST REPUBLICS:
Haplothrips tritici
UNITED ARAB REPUBLIC:
Bruchus lentis
Ceratitis capitata
Gnorimoschema ocellatella
UNKNOWN:
Achaea janata
Aethus indicus
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Argé ochropus
Asterobemisia carpini
Brevipalpus chilensis
Bruchus ervi
B. lentis
Caryedon gonagra
Ceratitis capitata
Ceroplastes rubens
Chalciope hyppasia
Chrysomphalus personatus
Clysiana ambiguella
Cochlicella ventrosa
Cryptoblabes gnidiella
Diabrotica speciosa
Diatraxia oleracea
Dyspessa ulula
Ectomyelois ceratoniae
Eucalymnatus tessellatus
Euxesta eluta
Frankliniella intonsa
F. sulphurea
Geniates panamensis
Helicella itala
H. protea
H. pyramidata
Helix aspersa
Hymenia perspectalis
Laspeyresia splendana
Liogenys macropelma
Lyctus africanus
Macrosiphum ibarae(?)
Marasmia poegalis
Minthea rugicollis
Nephotettix apicalis
Opeas pumilum
Ostrinia nubilalis
Otala vermiculata
Oxycopis vittata
Parastichtis monoglypha
Parlatoria cinerea
P. zizyphus
Pectinophora gossypiella
Phytomyza rufipes
Prodenia litura
Pyropotosia pryeri
Rhagoletis cerasi
Rhynchophorus palmarum
Sesamia cretica
Sinoxylon anale
Sitona cylindricollis
S. hispidula
Spodoptera mauritia acronyctoides
S. pecten
Stenoma catenifer
Stephanoderes hampei
Sylepta balteata
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
T. pillichi
Trogoderma granarium
Unaspis yanonensis
Vinsonia stellifera
URUGUAY:
Ceratitis capitata
VENEZUELA:
Asterolecanium epidendri
Cryptoblabes gnidiella
Epinotia aporema
Nasutitermes corniger
Pectinophora gossypiella
Stenoma catenifer
VIETNAM:
Cryptophlebia ombrodelta
Heterobostrychus aequalis
Parlatoria citri
P. zizyphus
WAKE ISLAND(?):
Parlatoria zizyphus
WEST AFRICA:
Caryedon gonagra
Cordylomera spinicornis(?)
Heterobostrychus brunneus
Pachybrachius albocinctus
Xyloperthella picea
Xyloperthodes nitidipennis(?)
WEST INDIES (island(?)):
Aeneolamia reducta
Ancylostomia stercorea
Euxesta eluta
WEST PACIFIC:
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides
Utethesia pulchella
YUGOSLAVIA:
Bruchidius marginalis
Bruchus rufipes
B. tristis
Cryptoblabes gnidiella
Curculio elephas
Opogona sacchari
Otala lactea
Taeniothrips atratus
ZANZIBAR:
Sinoxylon conigerum

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
†*Alternaria zinniae* Pape:					
Zinnia sp. (seed)	Italy			1	N.J.
‡*Anthostomella leucobasis* Ell. & Mart.:					
Chamaedorea sp. (palm) leaf	Mexico	1			Tex.
†*Aphelenchoides blastophthorus* Franklin, 1952:					
Convallaria majalis (lily-of-the-valley)	Denmark			1	N.Y.
†*Aphelenchoides parietinus* (Bastian, 1865) Steiner, 1932:					
Soil with *Samanea saman* (raintree saman) log	Fiji	1			Hawaii.
Ascochyta citri Penz.:					
Citrus limon (lemon)	†Federation of Malaysia, unknown.		2		Calif.*
C. sinensis (sweet orange)	Japan		2		Calif.*
Ascochyta sorghina Sacc.:					
Sorghum vulgare (sorghum)	Mexico	1			Tex.
Botryosphaeria berengeriana de N. var. *araucariae* Sacc. (*Dothiorella araucariae* stage):					
Araucaria angustifolia (Parana araucaria) seed	Republic of South Africa.			1	N.Y.
‡*Camarosporium ellipticum* Cke. & Harkn.:					
Mesembryanthemum linguiforme (stem)	do	1			N.Y.
†Carnation mottle virus:					
Dianthus caryophyllus (carnation)	Italy			1	N.J.
Cercospora angraeci Feuill. & Roum.:					
Odontoglossum sp. (orchid) leaf	England			1	N.J.
Cercospora brachiata Ell. & Ev. (Syn.: *C. canescens*):					
Phaseolus vulgaris cv. (string bean)	Puerto Rico	3			P.R.
†*Cercospora insulana* Sacc.:					
Limonium sinuatum (notchleaf sea-lavender) stem and leaf.	Haiti	1			Fla.
‡*Cercospora jujubae* Chowdhury:					
Zizyphus jujuba (common jujube) leaf	Thailand			1	Fla.
Cercospora kalmiae Ell. & Ev.:					
Kalmia latifolia (mountain-laurel kalmia) leaf	Europe (country(?))		4		N.Y.
†*Cercospora longissima* Sacc.:					
Lactuca sativa (lettuce) leaf	British Honduras	1			Fla.
Chrysomyza ledi d By. var. *rhododendri* (d By.) Savile:					
Rhododendron ferrugineum (rock rhododendron) leaf.	Switzerland	9			N.Y.
Rhododendron sp.	Austria, †Norway(?), Switzerland.	19			Fla., N.Y.
‡*Coccostroma chamaedoreae* (Syd.) Arx & Müller:					
Chamaedorea sp. (palm) leaf	Mexico	1			Tex.
†*Coniothecium scabrum* McAlp.:					
Citrus sinensis (sweet orange)	Mexico, Republic of South Africa, Spain.	1	2		Calif.,* Hawaii, N.C.
†*Corynespora cassiicola* (Berk. & Curt.) Wei:					
Lycopersicon esculentum (tomato)	Guatemala	1			Fla.
†*Criconema celetum* Wu, 1960:					
Soil with *Camellia* sp.	Portugal			1	N.Y.
‡*Criconema fimbriatum* Cobb in Taylor, 1936:					
Soil with *Begonia* sp.	Mexico			1	Tex.
Criconemoides curvatum Raski, 1952:					
Soil with *Begonia* sp.	Argentina			1	N.Y.
Soil with *Camellia* sp.	†Portugal			1	N.Y.
Soil with *Mentha* sp.	Mexico			1	Tex.
†*Criconemoides informe* (Micoletzky, 1922) Taylor, 1936:					
Soil with *Fagus* sp. and *Picea* sp.	Germany			1	Calif.*
Criconemoides mutabile Taylor, 1936:					
Soil with *Amaryllis* sp. (bulb)	Mexico			1	Tex.
Soil with *Dahlia* hybrid	do			1	Ariz.
Soil with *Mangifera indica* (mango) seedling	do			1	Tex.
Soil with unidentified plants	do			1	Tex.
Cronartium ribicola Fisch. v. Waldh.:					
Ribes sp. (leaf)	Germany			1	Mass.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Cryptospora longispora Servazzi:					
Araucaria excelsa (seed)	Unknown			1	N.J.
Cumminsiella mirabilissima (Pk.) Nannf.:					
Mahonia aquifolium 'Darkpurple' (leaf)	Netherlands			1	N.Y.
Cylindrosporium castaneae (Lév.) Krenner:					
Castanea sp. (chestnut) plant	Italy			1	N.Y.
Diaporthe eres Nits. (*Phomopsis pterophila* stage):					
Fraxinus excelsior 'Weeping' (weeping European ash) seed.	do			1	N.J.
Ditylenchus dipsaci (Kühn, 1857) Filipjev, 1936:					
Narcissus sp. (bulb)	England			2	N.J.
Dothiorella barringtoniae (Cke. & Massee) Petr. & Syd.:					
Barringtonia speciosa (India barringtonia) seed pod.	Hawaii	1			Calif.*
‡*Dothiorella eucalypti* (Berk. & Br.) Sacc.:					
Eucalyptus sp. (leaf)	Australia	1			N.Y.
‡*Echidnodella guatemalensis* Bat. et al:					
Annona muricata (soursop) leaf	Dominican Republic	1			N.Y.
Elsinoe australis Bitanc. & Jenkins:					
Citrus aurantifolia (sour lime)	Argentina, Brazil	1	14		Calif.,* Fla.
C. limon (lemon)	Argentina, Brazil, Uruguay.	3	20		Ala., Calif.,* Fla., La., N.Y.
C. paradisi (grapefruit)	Paraguay		1		N.Y.
C. reticulata (Mandarin orange)	Argentina, Brazil, South America (country(?)), unknown, Uruguay.	9	38		Ala., Calif.,* Fla., La., N.Y., Pa., P.R.
C. reticulata cv	Argentina, South America (country(?)), unknown.	1	13		N.Y.
C. sinensis (sweet orange)	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.	15	94		Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mass., N.Y., Pa., P.R., Tex.
Elsinoe mangiferae Bitanc. & Jenkins:					
Mangifera indica (mango)	†Costa Rica, Dominican Republic, †Jamaica, Mexico, Puerto Rico, unknown.	22	1		Fla., P.R., Tex.
‡*Elsinoe rosarum* Jenkins & Bitanc.:					
Rosa hybrid (leaf)	Italy	1			N.Y.
‡*Fusarium avenaceum* (Fr.) Sacc.:					
Triticum aestivum (wheat) seed	France	1			N.J.
‡*Fusarium nivale* Ces.:					
Triticum aestivum (wheat) seed	do	1			N.J.
†*Fusicladium pyracanthae* (Otth) Rostr.:					
Pyracantha atalantoides (firethorn)	Germany			1	D.C.
"Greasy spot":					
Citrus reticulata (Mandarin orange)	†Argentina		1		Fla.
Citrus sp.	Dominican Republic, †Haiti, Mexico.	6			Fla., N.Y., Tex.
†*Guignardia bidwellii* (Ell.) Viala & Ravaz (*Phyllosticta* stage):					
Vitis sp. (grape) leaf	Honduras	1			Fla.
Guignardia citricarpa Kiely (*Phoma* stage):					
Citrus aurantifolia (lime)	Vietnam	1			Hawaii.
C. aurantium (sour orange)	Japan		5		Calif.* Wash.
C. grandis (pummelo)	Japan, Thailand	1	1		Calif.*
C. limon (lemon)	Australia, Formosa, India(?), Japan, Republic of South Africa, unknown.	2	59		Calif.,* Fla., Hawaii, N.Y., Oreg., Pa., S.C., Tex., Va.
C. paradisi (grapefruit)	Australia, China(?), Japan, Republic of South Africa, Tahiti (?), unknown.	1	13		Calif.,* Fla., Hawaii, N.Y., Pa. S.C.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Guignardia citricarpa Kiely—Continued					
C. reticulata (Mandarin orange)	Australia, China, Formosa, Hong Kong, Japan, Okinawa, Philippines, unknown, Vietnam.	111	6	-----	Calif.,* Hawaii, Pa., S.C., Tex., Wash.
C. sinensis (sweet orange)	Australia, Brazil, China, Formosa, Hong Kong, Japan, Republic of South Africa, unknown.	56	260	-----	Calif.,* Fla., Ga., Hawaii, La., Md., Mass., N.Y., N.C., Pa., S.C., Tex., Wash.
Citrus sp. (dried peel)	China, Hong Kong, Japan, Pakistan, unknown.	40	-----	-----	Calif.,* Fla., N.Y. Tex., Wash.
Gymnosporangium haraeanum Syd.:					
Juniperus chinensis (pyramid Chinese juniper) dwarf tree.	Japan	-----	-----	1	Calif.*
Helicotylenchus mannus Steiner, 1945: (Syn.: *H. dihystera*)					
Soil with *Allium* sp. (onion)	Mexico	1	-----	-----	Tex.
Soil with plants (*Begonia* sp., *Caladium* sp., *Chamaedorea* sp., *Coleus* sp., *Dracaena* sp., *Euphorbia mili*, *Mangifera indica*, *Mentha* sp., and unidentified plants).	Argentina, Brazil, †Hawaii, †Japan, Mexico, †Philippines	-----	1	15	Hawaii, N.Y Tex.
†*Helminthosporium cynodontis* Marig.:					
Cynodon dactylon (Bermuda grass) stolon	India	-----	-----	1	D.C.
Cynodon sp. (dogtooth grass) stolon	Republic of South Africa.	-----	-----	1	D.C.
‡*Hemicriconemoides mangiferae* Siddiqi, 1961:					
Soil with *Coleus* sp	Mexico	-----	-----	1	Tex.
Heterodera avenae Wollenweber, 1924:					
Soil with automobile	France	1	-----	-----	N.Y.
Soil with *Dahlia* hybrid	Germany	-----	-----	1	Ill.
Heterodera punctata Thorne, 1928:					
Soil with automobile	England, Europe (country(?)), Germany.	5	-----	-----	Calif.,* Fla., N.Y., Tex.
Soil with plants (*Calluna vulgaris*, *Cissus* sp., grass, succulent, and unidentified plants).	Czechoslovakia, England, Germany, Ireland, Mexico, Norway, Scotland.	-----	2	9	Ariz., Fla., Ill., Mich. N.Y.
Soil with stores (*Apium graveolens* var. *dulce*, *Amoracia lapathifolia*, and *Solanum tuberosum*).	England, Germany	-----	3	-----	Calif.,* La., N.Y.
Heterodera rostochiensis Wollenweber, 1923:					
Soil with *Allium sativum* (garlic)	Peru	3	-----	-----	N.Y.
Soil with automobile	England, Germany	2	-----	-----	La., Pa.
Soil with plants (*Amaryllis* sp., cactus, *Calluna vulgaris*, *Dahlia* hybrid, *Fragaria* sp., grass, *Hedera helix*, *Primula* sp., *Prunus* sp., *Rubus* sp., *Salvia officinalis*, *Sedum* sp., *Trifolium*, *repens* cv., unidentified plants, and *Zantedeschia* sp.).	England, Germany, Ireland, Northern Ireland, Scotland, Sweden, unknown.	-----	-----	19	Calif., *Fla., Ill.,Md., Mass., Mich., N.J. N.Y.
Soil with *Solanum* spp. (tubers)	South America (country(?))	-----	-----	1	D.C.
Soil with stores (*Apium graveolens* var. *dulce*, *Daucus carota* var. *sativa*, and *Solanum tuberosum*).	Argentina, Canary Islands, England, Netherlands, Norway.	-----	6	-----	Calif., *Fla., Mich.
Soil with *Trifolium repens* cv. (shamrock) leaf	Ireland	1	-----	-----	Ill.
‡*Hypoxylon folicola* J. H. Miller:					
Chamaedorea elegans (palm) leaf	Mexico	1	-----	-----	Tex.
Chamaedorea sp. (leaf)	do	3	-----	-----	Tex.
‡*Lacellina graminicola* Sacc.:					
Panicum maximum (Guinea grass)	do	1	-----	-----	Tex.
‡*Leprieurina winteriana* Arn.:					
Annona muricata (soursop) leaf	Dominican Republic	1	-----	-----	N.Y.
Leptosphaeria protearum Syd.:					
Protea cynarioides (honeypot protea) leaf	Republic of South Africa.	1	-----	-----	N.Y.
Protea sp. (leaf)	do	2	-----	-----	Mass., N.Y.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Macrophoma araucariae De Lac.:					
Araucaria cookii (seed)	New Zealand			1	Calif.*
A. cunninghamii (Cunningham araucaria) seed	New Guinea, New Zealand.			4	Calif.*
A. klinkii (seed)	New Guinea			1	Calif.*
Macrophoma dalmatica (Thuem.) Berl. & Vogl.:					
Olea europaea (olive)	Lebanon	1			N.Y.
Macrophoma musae (Cke.) Berl. & Vogl.:					
Musa × *paradisiaca* (banana)	†Formosa, Hawaii	1	1		Calif.*
Macrophoma oleae (DC.) Berl. & Vogl.:					
Olea europaea (olive)	Italy	1			N.Y.
‡*Melanconium palmarum* Cke.:					
Chamaedorea sp. (palm) leaf	Mexico	1			Tex.
‡*Meliola butleri* Syd.:					
Citrus reticulata (Mandarin orange)	Philippines	1			Hawaii.
Meloidogyne arenaria (Neal, 1889) Chitwood, 1949:					
Alocasia sp. (root)	Mexico			2	Tex.
Coriandrum sativum(?) (root)	†Nicaragua			1	Fla.
Plant—unidentified (root)	do			1	Fla.
Solanum tuberosum (potato)	Brazil		1		La.
Zingiber officinale (ginger) root	†Nicaragua			1	Fla.
Meloidogyne hapla Chitwood, 1949:					
Anemone japonica (Japanese anemone) root	Germany			1	N.J.
Bredia tuberculata (root)	†Ireland			1	D.C.
Clematis hybrid (root)	Netherlands			3	N.Y.
Dahlia hybrid (root)	Japan			1	Hawaii
Impatiens petersiana (Peters snapweed)	†Ireland			1	D.C.
Phyllagathis rotundifolia (Sumatra metalleaf)	do			1	D.C.
Ranunculus aconitifolius 'Double' (aconite buttercup) root.	Netherlands			1	N.J.
Root—unidentified	†Lebanon			1	D.C.
Rosa hybrid (root)	†Portugal			1	N.J.
Meloidogyne incognita (Kofoid and White, 1919) Chitwood, 1949:					
Begonia sp. (root)	Mexico			1	Tex.
Echeveria sp. (root)	Republic of South Africa.			1	Tex.
Gardenia sp. (root)	Mexico			1	Tex.
Lilium sp. (root)	do			1	Ariz.
Meloidogyne incognita acrita Chitwood, 1949:					
Anthurium sp. (root)	Colombia			1	Tex.
Begonia multiflora 'Helen Haerens' (tuber)	Netherlands			1	N.J.
Begonia sp. (root)	Costa Rica			1	Fla.
Caladium sp. (root of bulb)	Guatemala			1	Tex.
Callopsis volkensii (root)	England			1	D.C.
Gerbera sp. (root)	Trinidad			1	Fla.
Ipomoea batatas (sweetpotato)	Japan		1		Calif.*
Lactuca sativa (lettuce) root	†Senegal		1		Mass.
Ornithogalum thyrsoides (Cape chinkerichee) root of bulb.	Republic of South Africa.			1	N.J.
Philodendron sp. (root)	Mexico			1	Tex.
Yucca sp. (root)	do			1	Tex.
Meloidogyne incognita incognita (Kofoid and White, 1919) Chitwood, 1949:					
Ornithogalum thyrsoides (Cape chinkerichee) root of bulb.	Republic of South Africa.			1	N.J.
Meloidogyne javanica (Treub, 1885) Chitwood, 1949:					
Canna sp. (root)	Mexico			1	Tex.
Dieffenbachia amoena (root)	do			1	Tex.
Ornithogalum thyrsoides (Cape chinkerichee) root of bulb.	Republic of South Africa.			1	N.J.
Plant—unidentified (root)	†Nicaragua			1	Fla.
Solanum tuberosum (potato)	Brazil		2		La.
Microsphaera alni Wint.:					
Ledum sp. (?) (leaf)	Canada			1	Wash.
‡*Microthyrium laurenti* P. Henn.:					
Coffea sp	Mexico	2			Ariz.
Monilinia fructigena (Aderh. & Ruhl.) Honey:					
Malus sylvestris (apple)	†Switzerland	1			Calif.*
Prunus domestica (plum)	Germany	1			Calif.*
Prunus sp. (cherry)	France, Italy, Spain		3		N.Y., Pa.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Nonentry	Propagation	
Mycosphaerella advena Syd.:					
Chamaedorea sp. (palm) stem	Mexico	1			Tex.
Mycosphaerella colorata Ell. & Ev. (*Phyllosticta kalmicola* stage):					
Kalmia latifolia (mountain-laurel kalmia)	Europe (country(?))		3		N.Y.
Mycosphaerella schoenoprasi (Ces. & de N.) Schroet.:					
Allium cepa (onion) top	Japan, Sweden		3		Calif.*
A. porrum (leek) top	Japan		7		Calif.*
Allium sp.	do		1		Calif.*
‡*Mycosphaerella tetraspora* Seaver:					
Commelina sp. (dayflower) leaf	Puerto Rico			1	P.R.
†*Myiocopron orchidearum* (Mont.) Sacc.:					
Epidendrum sp. (orchid)	Canal Zone			1	Hawaii.
Neovossia horrida (Tak.) Padw. & A. Khan (Syn.: *Tilletia horrida*):					
Oryza sativa (rice) hulls and straw	Japan		128		Calif.*
†*Phaeoseptoria oryzae* Miyake:					
Oryza sativa (rice)	Mexico			1	Tex.
Phakopsora gossypii (Arth.) Hirat. f.:					
Gossypium sp. (cotton) leaf	Haiti, Jamaica	2			Fla., N. Y.
Phakopsora jatrophicola Cumm.:					
Jatropha curcas (Barbados-nut) leaf	Dominican Republic	1			Fla.
J. gossypiifolia (bellyache nettlespurge) leaf	Dominican Republic, †Haiti, †Nicaragua.	5			Fla.
Phoma cajani Rangel:					
Cajanus cajan (pigeonpea)	†Dominican Republic, †Jamaica, Puerto Rico.	3			Fla., P.R.
Phoma samararum Desm.:					
Fraxinus sp. (ash) samara	Norway			1	Wash.
Phomopsis cocoes Petch:					
Cocos nucifera (coconut) nut cap	Hawaii, Philippines	1	1		Calif.*
Phomopsis conorum (Sacc.) Died.:					
Picea sp. (spruce) seedling	Germany			1	Calif.*
‡*Phomopsis detrusa* (Sacc.) Died.:					
Nandina domestica (seed berry)	Japan			1	Calif.*
Phyllachora cynodontis (Sacc.) Niessl:					
Cynodon dactylon (Bermuda grass)	India			1	D.C.
†*Phyllachora graminis* (Fr.) Fckl.:					
Grass—unidentified	Canada			1	N.Y.
Phyllactinia guttata (Fr.) Lév.:					
Ulmus sp. (elm) leaf	Mexico	1			Tex.
Phyllosticta aucubicola Sacc.:					
Aucuba japonica 'Croton'	Belgium			1	N.J.
‡*Phyllosticta batatas* (Thuem.) Cke.:					
Ipomoea batatas (sweetpotato) leaf	Puerto Rico			1	P.R.
†*Phyllosticta coccolobae* Ell. & Ev.:					
Coccoloba uvifera (common seagrape) leaf	do	1			P.R.
‡*Phyllosticta cocos* Cke.:					
Chamaedorea sp. (palm) frond	Mexico	1			Tex.
‡*Phyllosticta coffeicola* Delacr.:					
Coffea sp. (leaf)	Costa Rica	2			Fla.
‡*Phyllosticta hibiscina* Ell. & Ev.:					
Hibiscus rosa-sinensis (Chinese hibiscus) leaf	Bahamas			1	Fla.
‡*Phyllosticta ilicicola* (Cke. & Ell.) Ell. & Ev.:					
Ilex yunnanensis (Yunnan holly) leaf	Mexico(?)		1		Fla.
Phyllosticta ruscicola Dur. & Mont.:					
Ruscus sp. (butchersbroom)	Italy	1			La.
‡*Phyllosticta sorbi* West. var. *torminalis* Grove:					
Sorbus aucuparia (European mountain-ash) seed.	Belgium			1	N.J.
‡*Polyporus phocinus* Berk.:					
Samanea saman (raintree saman) log	American Samoa	1			Hawaii.
Pratylenchus convallariae Seinhorst, 1959:					
Convallaria majalis (lily-of-the-valley) pip	Denmark			1	N.Y.
Pratylenchus penetrans (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1941:					
Dahlia 'Aquila' (root)	Republic of South Africa.			1	N.J.
Soil with *Camellia* sp.	†Portugal			1	N.Y.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Pseudomonas syringae v. Hall(?):					
Citrus limon (lemon)	Italy, †Portugal, unknown.	2	1	-----	Mass., N.Y.
Puccinia buxi DC.:					
Buxus sempervirens (boxwood) leaf	England, Europe (country(?)), France, Ireland, †Switzerland, unknown.	8	47	3	Calif.,*Mass., N.Y., Wash.
†*Puccinia cyperi* Arth.:					
Cyperus sp. (flatsedge) leaf	Peru	1	-----	-----	Fla.
‡*Puccinia dochmia* Berk. & Curt.(?):					
Muhlenbergia sp. (muhly) grass packing	Mexico	1	-----	-----	Ariz.
‡*Puccinia erythropus* Diet.:					
Miscanthus sinensis (Chinese silvergrass)	Japan	-----	1	-----	Hawaii.
Puccinia horiana P. Henn.:					
Chrysanthemum leucanthemum (ox-eye daisy)	-----do	-----	1	-----	Hawaii.
C. morifolium (florists chrysanthemum)	-----do	5	-----	-----	Hawaii.
Chrysanthemum sp	-----do	6	24	-----	Calif.,* Hawaii.
†*Puccinia iridis* Rab.:					
Iris hybrid (leaf)	Austria	-----	-----	1	N.J.
Puccinia longicornis Pat. & Har.:					
Bamboo (leaf)	Japan	-----	1	-----	Wash.
†*Puccinia menthae* Pers.:					
Mentha sp. (mint) leaf	Haiti	1	-----	-----	Fla.
Puccinia oncidii Cumm.:					
Oncidium sp. (orchid) leaf	Ecuador	-----	-----	2	N.Y.
Puccinia ornithogali-thyrsoides Diet.:					
Ornithogalum thyrsoides (Cape chinkerichee) stem.	Republic of South Africa.	3	-----	-----	N.J., N.Y.
Puccinia striiformis West.:					
Triticum aestivum (wheat) straw	France	1	-----	-----	Fla.
†*Puccinia thaliae* Diet.:					
Canna sp. (leaf)	Honduras	1	-----	-----	Fla.
Puccinia urbaniana P. Henn.:					
Stachytarpheta jamaicensis (Jamaica falsevalerian) leaf.	†Dominican Republic, Puerto Rico.	2	-----	-----	Fla., P.R.
Radopholus similis (Cobb, 1893) Thorne, 1949:					
Anthurium sp. (root)	Hawaii	-----	-----	2	Calif.*
Zingiber officinale (ginger) rhizome	-----do	1	-----	-----	Hawaii.
Ravenelia spegazziniana Linquist:					
Acacia sp., prob. *farnesiana* (sweet acacia)	Mexico	-----	-----	1	Ariz.
‡*Rhytisma decolorans* Fr.:					
Lyonia sp. (leaf)	Nepal	-----	-----	1	D.C.
Rose mosaic:					
Rosa hybrid	Guatemala	-----	1	-----	Fla.
†Rose mosaic—yellow type:					
Rosa hybrid	Haiti	1	-----	-----	Fla.
†*Rotylenchus goodeyi* Loof and Oostenbrink, 1958:					
Armoracia lapathifolia (horseradish)	England	-----	1	-----	Hawaii.
Rotylenchus robustus (deMan, 1876) Filipjev, 1936:					
Armoracia lapathifolia (horseradish)	-----do	-----	1	-----	Hawaii.
Soil with Euphorbiaceae (plant)	-----do	-----	-----	1	Md.
†*Rotylenchus uniformis* (Thorne, 1949) Loof and Oostenbrink, 1958:					
Soil with *Camellia* sp	Portugal	-----	-----	1	N.Y.
Soil with "shamrock"	Ireland	1	-----	-----	Md.
†*Scirrhia rimosa* (Alb. & Schw.) Fckl.:					
Phragmites communis (common reed) mat	Austria	1	-----	-----	Ill.
Scutellonema brachyurum (Steiner, 1938) Andrassy, 1958:					
Liliaceae (plant)	†Australia	-----	-----	1	Hawaii.
Soil with bulb	Mexico	-----	-----	2	Ariz.
Soil with *Gardenia* sp. (plant)	-----do	-----	-----	1	Tex.
Soil with Liliaceae (plant)	†Japan	-----	-----	1	Hawaii.
Soil with unidentified plants	†Hawaii, Mexico	-----	-----	3	Hawaii, Tex.
Septoria citri Pass.:					
Citrus aurantium (sour orange)	Japan	-----	1	-----	Calif.*
C. grandis (pummelo)	-----do	-----	1	-----	Calif.*

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Septoria citri Pass.—Continued					
C. limon (lemon)	Greece, Italy, Spain, unknown.		16		Calif.,* Hawaii, La., N.Y., Ohio, Tex.
C. reticulata (Mandarin orange)	Spain, unknown		2		Fla., N.Y.
C. sinensis (sweet orange)	Greece, †Hong Kong, Japan, Republic of South Africa, Spain.	2	5		Calif.,* Fla., Ohio.
Septoria curvula I. Miyake:					
Oryza sativa (rice) hulls	Japan		1		Calif.*
‡*Septoria miyakei* Sacc. & Trav.:					
Oryza sativa (rice) hulls	do		2		Calif.*
Septoria oryzae Catt.:					
Oryza sativa (rice) hulls and straw	do		37		Calif.*
Sphaceloma fawcettii Bitanc. & Jenkins var. *scabiosa* (McAlp. & Tryon) Jenkins:					
Citrus limon (lemon)	Australia		4		Calif.,* Fla., La., Pa.
‡*Sphaceloma poinsettiae* Jenkins & Ruehle:					
Euphorbia pulcherrima (common poinsettia) stem and bract.	Guatemala			1	Fla.
Sphaceloma punicae Bitanc. & Jenkins:					
Punica granatum (pomegranate)	Dominican Republic, Mexico.	10			Ariz., P.R., Tex.
Sphaceloma spondiadis Bitanc. & Jenkins:					
Spondias cytherea (vi-apple)	†Guatemala	1			La.
S. mombin ("jobo")	Barbados	1			N.Y.
S. purpurea (purple mombin)	†Dominican Republic, †El Salvador.	2			La., N.Y.
Spondias sp.	†Trinidad	1			N.Y.
‡*Sphaeropsis subglobosa* Cke.:					
Bambusa sp. (bamboo) necklace	Unknown	1			Fla.
Sphenospora kevorkianii Linder:					
Cochlioda sp. (orchid) leaf	Ecuador			1	N.Y.
Diacrium sp. (orchid) leaf	Costa Rica			1	Calif.*
Epidendrum cochleatum (orchid) leaf	Jamaica			1	Fla.
E. difforme (leaf)	Guatemala			3	Fla.
E. stamfordianum (leaf)	Canal Zone			1	Fla.
Epidendrum sp. (leaf)	†Grenada, Haiti, Honduras, Panama.			4	Fla.
Gongora sp. (orchid) leaf	Mexico, Peru			2	Fla., Tex.
Huntleya burtii (orchid) leaf	Canal Zone, Costa Rica.			3	Fla.
Ionopsis sp.(?) (orchid) leaf	Haiti			1	Fla.
Notylia lyrata (orchid) leaf	Brazil			2	Fla.
Oncidium bicallosum (orchid) leaf	†Surinam			1	Fla.
O. luridum (leaf)	†El Salvador			1	Fla.
O. pusillum (leaf)	Guatemala			1	Fla.
O. splendidum (leaf)	Honduras			1	Fla.
Oncidium sp. (leaf)	†El Salvador, Haiti, Jamaica, Peru.			5	Fla., N.Y.
Orchid (leaf)	Bahamas, †British Guiana, Ecuador, Panama.			7	Calif.,* Fla., N.Y.
Trigonidium sp. (orchid) leaf	Guatemala			1	Calif.*
Zygopetalum cerinum (orchid) leaf	Canal Zone			1	Fla.
Zygostates lunata (orchid) leaf	Brazil			1	Fla.
Sphenospora mera Cumm.:					
Catasetum sp. (orchid) leaf	Ecuador			1	Fla.
†*Thecaphora solani* Barrus:					
Solanum tuberosum (potato)	Colombia	1			Fla.
†*Trochila ilicis* (Fr.) Crouan:					
Ilex sp. (holly) leaf	Italy	1			N.Y.
Tylenchorhynchus capitatus Allen, 1955:					
Soil with *Camellia* sp	†Portugal			1	N.Y.
Soil with *Solandra* sp. (chalice vine)	Mexico			1	Ariz.
Soil with unidentified tree	do			1	Ariz.
‡*Tylenchorhynchus crassicaudatus* Williams, 1960:					
Soil with Araceae (plant)	Philippines			1	Hawaii.
Soil with *Ligustrum* sp.	Japan			1	Hawaii.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Uredo guacae Mayor:					
Epidendrum sp. (orchid) leaf	†Dominican Republic			1	N.Y.
Phalaenopsis sp. (orchid) leaf	Peru			1	Fla.
Uredo nigropuncta P. Henn.:					
Bletia sp. (orchid) leaf	Bahamas			1	Fla.
Uredo oncidii P. Henn.:					
Oncidium cavendishianum (orchid) leaf	Mexico			1	Tex.
Uredo scabies Cke.:					
Vanilla sp. (orchid) leaf	do			1	Tex.
†*Uromyces dolicholi* Arth.:					
Cajanus cajan (pigeonpea) leaf	Panama	1			Fla.
‡*Uromyces euphorbiae* Cke. & Pk.:					
Euphorbia sp.	Mexico	1			Ariz.
†*Uromyces jatrophae* Diet. & Holw.:					
Manihot esculenta (common cassava) leaf	Dominican Republic			2	Fla.
†*Uromyces vicia-fabae* (Pers.) Schroet. (Syn.: *U. fabae*):					
Lens culinaris (lentil) pod and stem	Ecuador	1			Fla.
Uromycladium tepperianum (Sacc.) McAlp.:					
Acacia decora (graceful-wattle acacia) seed	Australia			1	Calif.*
Xanthomonas citri (Hasse) Dowson:					
Citrus aurantifolia (lime) dried peel and fruit	Afghanistan, Federation of Malaysia, India, Japan, Pakistan, Philippines, Thailand, unknown, Vietnam.	20	150		Calif.,* Hawaii, N.Y., Wash.
C. aurantium (sour orange)	Japan		24		Calif.,* La., Pa., Tex., Wash.
C. grandis (pummelo)	China, Federation of Malaysia, Formosa, Hong Kong, Thailand.	2	5		Calif.,* Hawaii, N.C.
C. limon (lemon)	Japan		17		Calif.,* Hawaii, La., Oreg., Tex.
C. paradisi (grapefruit)	do	1	3		Calif.,* Hawaii, Wash.
C. paradisi X *C. reticulata* (tangelo)	do		1		Hawaii.
C. reticulata (Mandarin orange) dried peel and fruit.	China, Hong Kong, India, Japan, unknown.	19	11		Calif.,* Fla., Hawaii, La., N.Y., Tex.
C. reticulata cv. (dried peel)	Hong Kong	1			Tex.
C. sinensis (sweet orange) dried peel and fruit	China, Formosa, Hong Kong, India, Japan, unknown.	18	90		Ala., Calif.,* Ga., Hawaii, La., N.Y., Oreg., Pa., Tex., Wash.
Citrus sp. (dried peel, fruit, and leaf)	China, Hong Kong, Japan, Pakistan, unknown.	8	7		Calif.,* Hawaii, N.Y., Tex., Wash.
‡*Xanthomonas dieffenbachiae* (McCul. & Pirone) Dows.:					
Dieffenbachia picta (variable tuftroot)	Puerto Rico		1		P.R.
Xanthomonas sp. (Cancrosis B):					
Citrus limon (lemon)	Argentina, South America (country(?)), unknown.		18		N.Y., Pa., P.R., Tex.
C. sinensis (sweet orange)	South America (country(?)).		1		N.Y.

An asterisk (*) indicates State inspection.
A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

ACACIA:
Ravenelia spegazziniana (Promycetes)
Uromycladium tepperianum (Promycetes)
ALLIUM CEPA:
Mycosphaerella schoenoprasi (Ascomycetes)
ALLIUM PORRUM:
Mycosphaerella schoenoprasi (Ascomycetes)
ALLIUM SP.:
Mycosphaerella schoenoprasi (Ascomycetes)
ALOCASIA:
Meloidogyne arenaria (Nematoda)
ANEMONE:
Meloidogyne hapla (Nematoda)
ANNONA:
‡*Echidnodella guatemalensis* (Ascomycetes)
‡*Leprieurina winteriana* (Deuteromycetes)
ANTHURIUM:
Meloidogyne incognita acrita (Nematoda)
Radopholus similis (Nematoda)
ARAUCARIA:
Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
ARMORACIA:
†*Rotylenchus goodeyi* (Nematoda)
R. robustus (Nematoda)
AUCUBA:
Phyllosticta aucubicola (Deuteromycetes)
BAMBOO:
Puccinia longicornis (Promycetes)
BAMBUSA:
‡*Sphaeropsis subglobosa* (Deuteromycetes)
BARRINGTONIA:
Dothiorella barringtoniae (Deuteromycetes)
BEGONIA:
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
BLETIA:
Uredo nigropuncta (Promycetes).
BREDIA:
†*Meloidogyne hapla* (Nematoda)
BUXUS:
†*Puccinia buxi* (Promycetes)
CAJANUS:
†*Phoma cajani* (Deuteromycetes)
†*Uromyces dolicholi* (Promycetes)
CALADIUM:
Meloidogyne incognita acrita (Nematoda)
CALLOPSIS:
Meloidogyne incognita acrita (Nematoda)
CANNA:
Meloidogyne javanica (Nematoda)
†*Puccinia thaliae* (Promycetes)
CASTANEA:
Cylindrosporium castaneae (Deuteromycetes)
CATASETUM:
Sphenospora mera (Promycetes)
CHAMAEDOREA:
‡*Anthostomella leucobasis* (Phycomycetes)
‡*Coccostroma chamaedoreae* (Ascomycetes)
‡*Hypoxylon folicola* (Ascomycetes)
‡*Melanconium palmarum* (Deuteromycetes)
Mycosphaerella advena (Ascomycetes)
‡*Phyllosticta cocos* (Deuteromycetes)
CHRYSANTHEMUM:
Puccinia horiana (Promycetes)
CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS AURANTIUM:
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS GRANDIS:
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
†*Ascochyta citri* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
†*Pseudomonas syringae*(?) (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS PARADISI × C. RETICULATA:
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
†"Greasy spot"
Guignardia citricarpa (Ascomycetes)
‡*Meliola butleri* (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA CV.:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SINENSIS:
Ascochyta citri (Deuteromycetes)
†*Coniothecium scabrum* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
†*Septoria citri* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
CITRUS SP.:
†"Greasy spot"
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
CLEMATIS:
Meloidogyne hapla (Nematoda)
COCCOLOBA:
†*Phyllosticta coccolobae* (Deuteromycetes)
COCHLIODA:
Sphenospora kevorkianii (Promycetes)
COCOS:
Phomopsis cocoes (Deuteromycetes)
COFFEA:
‡*Microthyrium laurenti* (Ascomycetes)
‡*Phyllosticta coffeicola* (Deuteromycetes)
COMMELINA:
‡*Mycosphaerella tetraspora* (Ascomycetes)
CONVALLARIA:
†*Aphelenchoides blastophthorus* (Nematoda)
Pratylenchus convallariae (Nematoda)
CORIANDRUM(?):
†*Meloidogyne arenaria* (Nematoda)
CYNODON:
†*Helminthosporium cynodontis* (Deuteromycetes)
Phyllachora cynodontis (Ascomycetes)
CYPERUS:
†*Puccinia cyperi* (Promycetes)
DAHLIA:
Meloidogyne hapla (Nematoda)
Pratylenchus penetrans (Nematoda)
DIACRIUM:
Sphenospora kevorkianii (Promycetes)
DIANTHUS:
†Carnation mottle virus (Virus)
DIEFFENBACHIA:
Meloidogyne javanica (Nematoda)
‡*Xanthomonas dieffenbachiae* (Schizomycetes)
ECHEVERIA:
Meloidogyne incognita (Nematoda)
EPIDENDRUM:
†*Myiocopron orchidearum* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*Uredo guacae* (Promycetes)
EUCALYPTUS:
‡*Dothiorella eucalypti* (Deuteromycetes)
EUPHORBIA:
‡*Sphaceloma poinsettiae* (Deuteromycetes)
‡*Uromyces euphorbiae* (Promycetes)
FRAXINUS:
Diaporthe eres (Ascomycetes)
Phoma samararum (Deuteromycetes)
GARDENIA:
Meloidogyne incognita (Nematoda)
GERBERA:
Meloidogyne incognita acrita (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

GONGORA:
Sphenospora kevorkianii (Promycetes)
GOSSYPIUM:
Phakopsora gossypii (Promycetes)
HIBISCUS:
‡*Phyllosticta hibiscina* (Deuteromycetes)
HUNTLEYA:
Sphenospora kevorkianii (Promycetes)
ILEX:
‡*Phyllosticta ilicicola* (Deuteromycetes)
†*Trochila ilicis* (Ascomycetes)
IMPATIENS:
†*Meloidogyne hapla* (Nematoda)
IONOPSIS(?):
Sphenospora kevorkianii (Promycetes)
IPOMOEA:
Meloidogyne incognita acrita (Nematoda)
‡*Phyllosticta batatas* (Deuteromycetes)
IRIS:
†*Puccinia iridis* (Promycetes)
JATROPHA:
†*Phakopsora jatrophicola* (Promycetes)
JUNIPERUS:
Gymnosporangium haraeanum (Promycetes)
KALMIA:
Cercospora kalmiae (Deuteromycetes)
Mycosphaerella colorata (Ascomycetes)
LACTUCA:
†*Cercospora longissima* (Deuteromycetes)
†*Meloidogyne incognita acrita* (Nematoda)
LEDUM(?):
Microsphaera alni (Ascomycetes)
LENS:
†*Uromyces vicia-fabae* (Promycetes)
LILIACEAE:
†*Scutellonema brachyurum* (Nematoda)
LILIUM:
Meloidogyne incognita (Nematoda)
LIMONIUM:
†*Cercospora insulana* (Deuteromycetes)
LYCOPERSICON:
†*Corynespora cassiicola* (Deuteromycetes)
LYONIA:
‡*Rhytisma decolorans* (Ascomycetes)
MAHONIA:
Cumminsiella mirabilissima (Promycetes)
MALUS:
†*Monilinia fructigena* (Ascomycetes)
MANGIFERA:
†*Elsinoe mangiferae* (Ascomycetes)
MANIHOT:
†*Uromyces jatrophae* (Promycetes)
MENTHA:
†*Puccinia menthae* (Promycetes)
MESEMBRYANTHEMUM:
‡*Camarosporium ellipticum* (Deuteromycetes)
MISCANTHUS:
‡*Puccinia erythropus* (Promycetes)
MUHLENBERGIA:
‡*Puccinia dochmia*(?) (Promycetes)
MUSA:
†*Macrophoma musae* (Deuteromycetes)
NANDINA:
‡*Phomopsis detrusa* (Deuteromycetes)
NARCISSUS:
Ditylenchus dipsaci (Nematoda)
NOTYLIA:
Sphenospora kevorkianii (Promycetes)
ODONTOGLOSSUM:
Cercospora angraeci (Deuteromycetes)
OLEA:
Macrophoma dalmatica (Deuteromycetes)
M. oleae (Deuteromycetes)
ONCIDIUM:
Puccinia oncidii (Promycetes)
†*Sphenospora kevorkianii* (Promycetes)
Uredo oncidii (Promycetes)
ORCHID:
†*Sphenospora kevorkianii* (Promycetes)
ORNITHOGALUM:
Meloidogyne javanica (Nematoda)
M. incognita acrita (Nematoda)
M. incognita incognita (Nematoda)
Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:
Neovossia horrida (Promycetes)
†*Phaeoseptoria oryzae* (Deuteromycetes)
Septoria curvula (Deuteromycetes)
‡*S. miyakei* (Deuteromycetes)
S. oryzae (Deuteromycetes)
PANICUM:
†*Lacellina graminicola* (Deuteromycetes)
PHALAENOPSIS:
Uredo guacae (Promycetes)
PHASEOLUS:
Cercospora brachiata (Deuteromycetes)
PHILODENDRON:
Meloidogyne incognita acrita (Nematoda)
PHRAGMITES:
†*Scirrhia rimosa* (Ascomycetes)
PHYLLAGATHIS:
†*Meloidogyne hapla* (Nematoda)
PICEA:
Phomopsis conorum (Deuteromycetes)
PROTEA:
Leptosphaeria protearum (Ascomycetes)
PRUNUS:
Monilinia fructigena (Ascomycetes)
PUNICA:
Sphaceloma punicae (Deuteromycetes)
PYRACANTHA:
†*Fusicladium pyracanthae* (Deuteromycetes)
RANUNCULUS:
Meloidogyne hapla (Nematoda)
RHODODENDRON:
†*Chrysomyza ledi* var. *rhododendri* (Promycetes)
RIBES:
Cronartium ribicola (Promycetes)
ROSA:
‡*Elsinoe rosarum* (Ascomycetes)
†*Meloidogyne hapla* (Nematoda)
Rose mosaic (Virus)
†Rose mosaic—yellow type (Virus)
RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
SAMANEA:
‡*Polyporus phocinus* (Basidiomycetes)
SOIL:
†*Aphelenchoides parietinus* (Nematoda)
†*Criconema celetum* (Nematoda)
‡*C. fimbriatum* (Nematoda)
†*Criconemoides curvatum* (Nematoda)
†*C. informe* (Nematoda)
C. mutabile (Nematoda)
†*Helicotylenchus nannus* (Nematoda)
‡*Hemicriconemoides mangiferae* (Nematoda)
Heterodera avenae (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
†*Pratylenchus penetrans* (Nematoda)
Ratylenchus robustus (Nematoda)
†*R. uniformis* (Nematoda)
†*Scutellonema brachyurum* (Nematoda)
†*Tylenchorhynchus capitatus* (Nematoda)
‡*T. crassicaudatus* (Nematoda)
SOLANUM:
Meloidogyne arenaria (aNematoda)
M. javanica (Nematod)
†*Thecaphora solani* (Promycetes)
SORBUS:
‡*Phyllosticta sorbi* var. *torminalis* (Deuteromycetes)
SORGHUM:
Ascochyta sorghina (Deuteromycetes)
SPONDIAS:
†*Sphaceloma spondiadis* (Deuteromycetes)
STACHYTARPHETA:
†*Puccinia urbaniana* (Promycetes)
TRIGONIDIUM:
Sphenospora kevorkianii (Promycetes)
TRITICUM:
‡*Fusarium avenaceum* (Deuteromycetes)
‡*F. nivale* (Deuteromycetes)
Puccinia striiformis (Promycetes)
ULMUS:
Phyllactinia guttata (Ascomycetes)
VANILLA:
Uredo scabies (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

VITIS:
†*Guignardia bidwellii* (Ascomycetes)
YUCCA:
Meloidogyne incognita acrita (Nematoda)
ZINGIBER:
†*Meloidogyne arenaria* (Nematoda)
Radopholus similis (Nematoda)
ZINNIA:
†*Alternaria zinniae* (Deuteromycetes)
ZIZYPHUS:
‡*Cercospora jujubae* (Deuteromycetes)
ZYGOPETALUM:
Sphenospora kevorkianii (Promycetes)
ZYGOSTATES:
Sphenospora kevorkianii (Promycetes)

Hosts Unknown

GRASS:
†*Phyllachora graminis* (Ascomycetes)
PLANT—UNIDENTIFIED:
†*Meloidogyne arenaria* (Nematoda)
†*M. javanica* (Nematoda)
ROOT—UNIDENTIFIED
†*Meloidogyne hapla* (Nematoda)

A dagger (†) indicates a first interception from the country of origin.
A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:
Xanthomonas citri
AMERICAN SAMOA:
‡*Polyporus phocinus*
ARGENTINA:
Criconemoides curvatum
Elsinoe australis
†"Greasy spot"
Helicotylenchus nannus
Heterodera rostochiensis
Xanthomonas sp. (Cancrosis B)
AUSTRALIA:
‡*Dothiorella eucalypti*
Guignardia citricarpa
†*Scutellonema brachyurum*
Sphaceloma fawcettii var. *scabiosa*
Uromycladium tepperianum
AUSTRIA:
Chrysomyxa ledi var. *rhododendri*
†*Puccinia iridis*
†*Scirrhia rimosa*
BAHAMAS:
‡*Phyllosticta hibiscina*
Sphenospora kevorkianii
Uredo nigropuncta
BARBADOS:
Sphaceloma spondiadis
BELGIUM:
Phyllosticta aucubicola
‡*Phyllosticta sorbi* var. *torminalis*
BRAZIL:
Elsinoe australis
Guignardia citricarpa
Helicotylenchus nannus
Meloidogyne arenaria
M. javanica
Sphenospora kevorkianii
BRITISH GUIANA:
†*Sphenospora kevorkianii*
BRITISH HONDURAS:
†*Cercospora longissima*
CANADA:
Microsphaera alni
†*Phyllachora graminis*
CANAL ZONE:
†*Myiocopron orchidearum*
Sphenospora kevorkianii
CANARY ISLANDS:
Heterodera rostochiensis
CHINA:
Guignardia citricarpa
Xanthomonas citri
COLOMBIA:
Meloidogyne incognita acrita
†*Thecaphora solani*
COSTA RICA:
†*Elsinoe mangiferae*
Meloidogyne incognita acrita
‡*Phyllosticta coffeicola*
Sphenospora kevorkianii
CZECHOSLOVAKIA:
Heterodera punctata
DENMARK:
†*Aphelenchoides blastophthorus*
Pratylenchus convallariae
DOMINICAN REPUBLIC:
‡*Echidnodella guatemalensis*
Elsinoe mangiferae
"Greasy spot"
‡*Leprieurina winteriana*
Phakopsora jatrophicola
†*Phoma cajani*
†*Puccinia urbaniana*
Sphaceloma punicae
†*S. spondiadis*
†*Uredo guacae*
†*Uromyces jatrophae*
ECUADOR:
Puccinia oncidii
Sphenospora kevorkianii
S. mera
†*Uromyces vicia-fabae*
EL SALVADOR:
†*Sphaceloma spondiadis*
†*Sphenospora kevorkianii*
ENGLAND:
Cercospora angraeci
Ditylenchus dipsaci
Heterodera punctata
H. rostochiensis
Meloidogyne incognita acrita
Puccinia buxi
†*Rotylenchus goodeyi*
R. robustus
EUROPE (country(?)):
Cercospora kalmiae
Heterodera punctata
Mycosphaerella colorata
Puccinia buxi
FEDERATION OF MALAYSIA:
†*Ascochyta citri*
Xanthomonas citri
FIJI:
†*Aphelenchoides parietinus*
FORMOSA:
Guignardia citricarpa
†*Macrophoma musae*
Xanthomonas citri
FRANCE:
‡*Fusarium avenaceum*
‡*F. nivale*
Heterodera avenae
Monilinia fructigena
Puccinia buxi
P. striiformis
GERMANY:
†*Criconemoides informe*
Cronartium ribicola
†*Fusicladium pyracanthae*
Heterodera avenae
H. punctata
H. rostochiensis
Meloidogyne hapla
Monilinia fructigena
Phomopsis conorum
GREECE:
Septoria citri
GRENADA:
†*Sphenospora kevorkianii*
GUATEMALA:
†*Corynespora cassiicola*
Meloidogyne incognita acrita
Rose mosaic
‡*Sphaceloma poinsettiae*
†*S. spondiadis*
Sphenospora kevorkianii
HAITI:
†*Cercospora insulana*
†"Greasy spot"
Phakopsora gossypii
†*P. jatrophicola*
†*Puccinia menthae*
†Rose mosaic—yellow type
Sphenospora kevorkianii
HAWAII:
Dothiorella barringtoniae
†*Helicotylenchus nannus*
Macrophoma musae
Phomopsis cocoes
Radopholus similis
†*Scutellonema brachyurum*
HONDURAS:
†*Guignardia bidwellii*
†*Puccinia thaliae*
Sphenospora kevorkianii
HONG KONG:
Guignardia citricarpa
†*Septoria citri*
Xanthomonas citri
INDIA:
†*Helminthosporium cynodontis*
Phyllachora cynodontis
Xanthomonas citri
INDIA(?)
Guignardia citricarpa
IRELAND:
Heterodera punctata
H. rostochiensis

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

IRELAND—Continued
†*Meloidogyne hapla*
Puccinia buxi
†*Rotylenchus uniformis*
ITALY:
†*Alternaria zinniae*
†*Carnation motile virus*
Cylindrosporium castaneae
Diaporthe eres
‡*Elsinoe rosarum*
Macrophoma oleae
Monilinia fructigena
Phyllosticta ruscicola
Pseudomonas syringae(?)
Septoria citri
†*Trochila ilicis*
JAMAICA:
†*Elsinoe mangiferae*
Phakopsora gossypii
†*Phoma cajani*
Sphenospora kevorkianii
JAPAN:
Ascochyta citri
Guignardia citricarpa
Gymnosporangium haraeanum
†*Helicotylenchus nannus*
Meloidogyne hapla
M. incognita acrita
Mycosphaerella schoenoprasi
Neovossia horrida
‡*Phomopsis detrusa*
‡*Puccinia erythropus*
P. horiana
P. longicornis
†*Scutellonema brachyurum*
Septoria citri
S. curvula
‡*S. miyakei*
S. oryzae
‡*Tylenchorhynchus crassicaudatus*
Xanthomonas citri
LEBANON:
Macrophoma dalmatica
†*Meloidogyne hapla*
MEXICO:
‡*Anthostomella leucobasis*
Ascochyta sorghina
‡*Coccostroma chamaedoreae*
†*Coniothecium scabrum*
‡*Criconema fimbriatum*
Criconemoides curvatum
C. mutabile
Elsinoe mangiferae
"Greasy spot"
Helicotylenchus nannus
‡*Hemicriconemoides mangiferae*
Heterodera punctata
‡*Hypoxylon folicola*
‡*Lacellina graminicola*
‡*Melanconium palmarum*
Meloidogyne arenaria
M. incognita
M. incognita acrita
M. javanica
‡*Microthyrium laurenti*
Mycosphaerella advena
†*Phaeoseptoria oryzae*
Phyllactinia guttata
‡*Phyllosticta cocos*
‡*Puccinia dochnia*(?)
Ravenelia spegazziniana
Scutellonema brachyurum
Sphaceloma punicae
Sphenospora kevorkianii
Tylenchorhynchus capitatus
Uredo oncidii
U. scabies
‡*Uromyces euphorbiae*
MEXICO(?):
‡*Phyllosticta ilicicola*
NEPAL:
‡*Rhytisma decolorans*
NETHERLANDS:
Cumminsiella mirabilissima
Heterodera rostochiensis
Meloidogyne hapla
M. incognita acrita
NEW GUINEA:
Macrophoma araucariae
NEW ZEALAND:
Macrophoma araucariae
NICARAGUA:
†*Meloidogyne arenaria*
†*M. javanica*
†*Phakopsora jatrophicola*
NORTHERN IRELAND:
Heterodera rostochiensis
NORWAY:
Heterodera punctata
H. rostochiensis
Phoma samararum
NORWAY(?):
†*Chrysomyxa ledi* var. *rhododendri*
OKINAWA:
Guignardia citricarpa
PAKISTAN:
Guignardia citricarpa
Xanthomonas citri
PANAMA:
Sphenospora kevorkianii
†*Uromyces dolicholi*
PARAGUAY:
Elsinoe australis
PERU:
Heterodera rostochiensis
†*Puccinia cyperi*
Sphenospora kevorkianii
Uredo guacae
PHILIPPINES:
Guignardia citricarpa
†*Helicotylenchus nannus*
‡*Meliola butleri*
Phomopsis cocoes
‡*Tylenchorhynchus crassicaudatus*
Xanthomonas citri
PORTUGAL:
†*Criconema celetum*
†*Criconemoides curvatum*
†*Meloidogyne hapla*
†*Pratylenchus penetrans*
†*Pseudomonas syringae*(?)
†*Rotylenchus uniformis*
†*Tylenchorhynchus capitatus*
PUERTO RICO:
Cercospora brachiata
Elsinoe mangiferae
‡*Mycosphaerella tetraspora*
Phoma cajani
‡*Phyllosticta batatas*
†*P. coccolobae*
Puccinia urbaniana
‡*Xanthomonas dieffenbachiae*
REPUBLIC OF SOUTH AFRICA:
Botryosphaeria berengeriana var. *araucariae*
‡*Camarosporium ellipticum*
†*Coniothecium scabrum*
Guignardia citricarpa
†*Helminthosporium cynodontis*
Leptosphaeria proteanum
Meloidogyne incognita
M. incognita acrita
M. incognita incognita
M. javanica
Pratylenchus penetrans
Puccinia ornithogali-thyrsoides
Septoria citri
SCOTLAND:
Heterodera punctata
H. rostochiensis
SENEGAL:
†*Meloidogyne incognita acrita*
SOUTH AMERICA (country(?)):
Elsinoe australis
Heterodera rostochiensis
Xanthomonas sp. (Cancrosis B)
SPAIN:
†*Coniothecium scabrum*
Monilinia fructigena

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

SPAIN—Continued
Septoria citri
SURINAM:
†*Sphenospora kevorkianii*
SWEDEN:
Heterodera rostochiensis
Mycosphaerella schoenoprasi
SWITZERLAND:
Chrysomyxa ledi var. *rhododendri*
†*Monilinia fructigena*
†*Puccinia buxi*
TAHITI(?):
Guignardia citricarpa
THAILAND:
†*Cercospora jujubae*
Guignardia citricarpa
Xanthomonas citri
TRINIDAD:
Meloidogyne incognita acrita
†*Sphaceloma spondiadis*
UNKNOWN:
Ascochyta citri
Cryptospora longispora
Elsinoe australis
E. mangiferae
Guignardia citricarpa
Heterodera rostochiensis
Pseudomonas syringae(?)
Puccinia buxi
Septoria citri
‡*Sphaeropsis subglobosa*
Xanthomonas citri
Xanthomonas sp. (Cancrosis B
URUGUAY:
Elsinoe australis
VIETNAM:
Guignardia citricarpa
Xanthomonas citri

A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates a first interception by Division inspectors.

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